

Arkansas Highways

SPRING 1979





New Highway Commissioner, F.H. Martin, Jr., far right, and his wife, Myrna, second from left, with Arkansas Supreme Court Justice Carlton Harris and Governor Bill Clinton.

F. H. Martin Jr. Named to Highway Commission



Festus H. Martin, Jr., 34, of Fayetteville, has been appointed by Governor Bill Clinton to a ten-year term on the Arkansas Highway Commission. Mr. Martin replaces Ross Pendergraft of Fort Smith, whose term expired in January.

Martin, an attorney, is a native of Harrison. He received a bachelor's degree in Accounting from Arkansas Tech University in 1966 and received a law degree with honors from the University of Arkansas at Fayetteville in 1969. He was on the editorial board of the Arkansas Law Review.

He practices law with E.J. Ball at Fayetteville from 1969 until 1972, when he became a partner in the law firm of Ball, Gallman and Martin. From 1972 until 1975, he was a part-time lecturer at the University Law School, and in 1975 he became a full-time associate professor of law. He later returned to private practice.

Martin is a former president of the Washington County Bar Association.

He and his wife, Myrna, have three children: William Douglas, age 10; Jennifer Lynn, age 8; and Kimberly Jeanette, age 1½.

Arkansas Highways

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ARKANSAS HIGHWAY COMMISSION

George Kell, Chairman
 James A. Branyan, Vice Chairman
 David Solomon, Member
 Patsy L. Thomason, Member
 Festus H. Martin, Jr., Member



Henry Gray
 Director of Highways and Transportation
 B.K. Cooper
 Deputy Director and Chief Engineer

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 ART UNIT Carolyn Bowden
 PHOTOGRAPHERS Johnnie Gray
 David Hunter

FRONT COVER — Arkansas State Highway 309 in Logan County. This is a scenic route which takes you to Mount Magazine. Photograph by Johnnie Gray.

BACK COVER — An Arkansas State Highway and Transportation Department Rest Area located along State Highway 79 near Rison in Cleveland County. Photograph by Johnnie Gray.



Director Henry Gray

A MESSAGE FROM THE
DIRECTOR'S
DESK

The week of May 13-19, 1979, is a very important week for the Arkansas Highway and Transportation Department. It is the annual observance of National Transportation Week.

This year the Department will mark the occasion by holding Open House at each of the ten District Headquarters. This will give as many citizens as possible an opportunity to visit with Department personnel throughout the State and take a first-hand look at how the Department operates at the District level.

The date for National Transportation Week falls at a very critical time in the Department's history. Our highways, county roads, and city streets have been subjected to three harsh winters in a row and they are badly in need of repairs and rehabilitation. Highways are high on everybody's priority list and the citizens of this State are extremely interested in knowing how the Department will meet the challenge that lies ahead.

Transportation affects everything we do, everything we need and use, everything we are or hope to become. It shapes our lives, opening wider opportunities for jobs, education, recreation, cultural activities and social exchanges.

It is so much a part of our lives that many of us take it for granted. We give it serious attention only in those rare times when it doesn't work --- when the car won't start, when the bus is late or when the roads are covered with ice and snow.

Each District has formed a committee to coordinate the Open House activities. I'm sure most of you will be called on to help in some way. I urge you to take an interest in what is planned in your District and respond favorably if called upon.

As I mentioned, we have suffered three extremely harsh winters in a row. This past winter was, by far the worst. The Department spent approximately \$2 million just to remove the snow and ice from the highways. The overall cost to repair the damage will probably exceed last years damage of \$20 million.

The Department is blessed with hard working, dedicated employees. I would like to express my sincere thanks for the many long hours put in to keep our highways as open and free of ice and snow as possible. You did a commendable job and I want you to know the citizens of Arkansas, the Highway Commission and I appreciate the extra effort.

DIVISION PROFILE

Records & Reproduction

By Susan Ishmael

Over the years, efficiency through mechanization has been experienced in all areas of life. Some modernized methods of reducing time and efforts while increasing output have so gradually and subtly become a part of the routine workday that they have come to be taken for granted. Such may be the case with the Records and Reproduction Section of the Arkansas Highway and Transportation Department.

According to those who remember, there was a time when the now simple task of typing a letter and producing several copies was a tiresome and time-consuming chore. A secretary could easily be reduced to frustration upon finding herself faced with a letter to type, ten copies of which were needed. To do this she had to use carbon paper rendering the last few sheets of print very light. If an effort were made, she had to go through each page and erase, then cover over the mistake with chalk and type the word again. Any typist who has had one of those days when she simply could not type accurately can realize how tiring this job must have been.

Records and Reproduction is administered by the Assistant to the Director for Administration. Before the Section was established reproduction needs of any size were handled by contract. Eventually, two "primitive" blueprint machines were procured but the work took hours to accomplish, much of which can not be completed in minutes.

The Section has modern offset presses, a plate-making system and has initiated a total microfilm system for use by the entire Department, both central and district offices.

Section Head is Al Dunn who will complete thirteen years of service with the Department in October. Dunn, from Little Rock and Morrilton, has been in the photographic reproduction business for 34 years, having completed management and printing schools in Ohio and the Air Force Photographic School in Denver, Colorado. His outside interests include guns, hunting and fishing.

Assistant Section Head is Pete Escarre who also has thirteen years of service with the Department. Born in Tennessee, he has lived most of his life in Arkansas. He attended Hendrix College and Brooks Institute of Photography. Before work for the Department he had his own photography studio.



Pete Escarre and Al Dunn check a photographic print of a mosaic.



Section Head Al Dunn, far right, reviews morning procedures with Jerry McKown, Frank Knowles, Alma Stephens and Pete Escarre.

A Great Contrast. . .

Today the equipment contained in the Records and Reproduction Section enables personnel in every area of the Department to perform their job in a faster and more efficient manner than would have been imagined a few years ago. Every Division and

District utilizes the Section and because of this, Records and Reproduction is an invaluable unit of the AHTD.

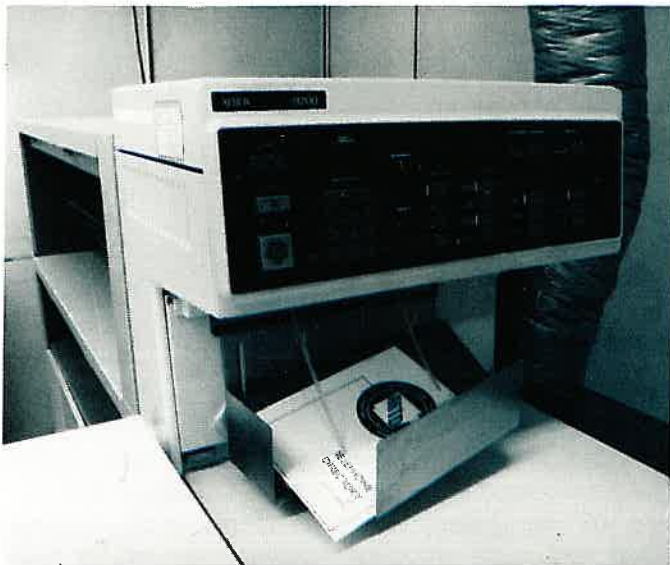
It would be difficult to designate which areas of the Department benefit the most from Records and Reproduction; the Section's usefulness is so diverse that it is necessary to mention a wide variety of jobs when describing the responsibilities and functions of the Section.



Records and Reproduction Section Secretary is Pat Latson.

Xerox 9200 Copier and Offset Printing

The magnitude of work produced in the Section is accomplished by means of a number of highly specialized and technical pieces of equipment. The one probably most familiar to Department personnel is the relatively new Xerox 9200 copier. The machine reproduces 8½x11" and 8½x14" copies and has a reducing capacity of up to three times. For greater reduction, the reduced copies can be reduced even smaller.



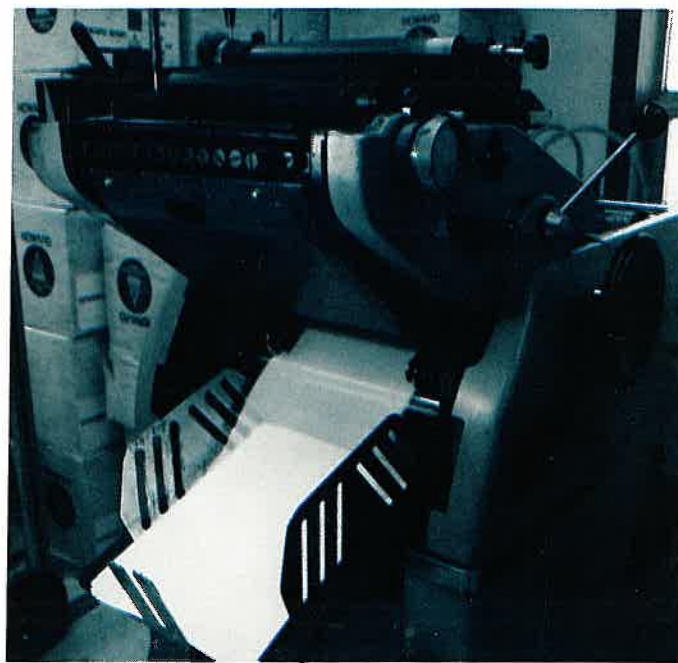
The 9200 High Speed Xerographic Xerox Printer.

Many 'rush jobs' have been completed by a specified deadline, thanks to this ultra-modern machine which is able to reproduce a limitless quantity of copies and collate them simultaneously. In a matter of minutes the copier can reproduce hundreds of pages, sorted and ready to go. The Section also has the facilities for punching and binding or stapling.

Who benefits from this workhorse? Everyone -- both Department personnel and the public at one time or another. Anything from environmental impact statements to contract notices to legislative summaries to various reports of all kinds are copied on this copier and handed over -- ready for distribution.

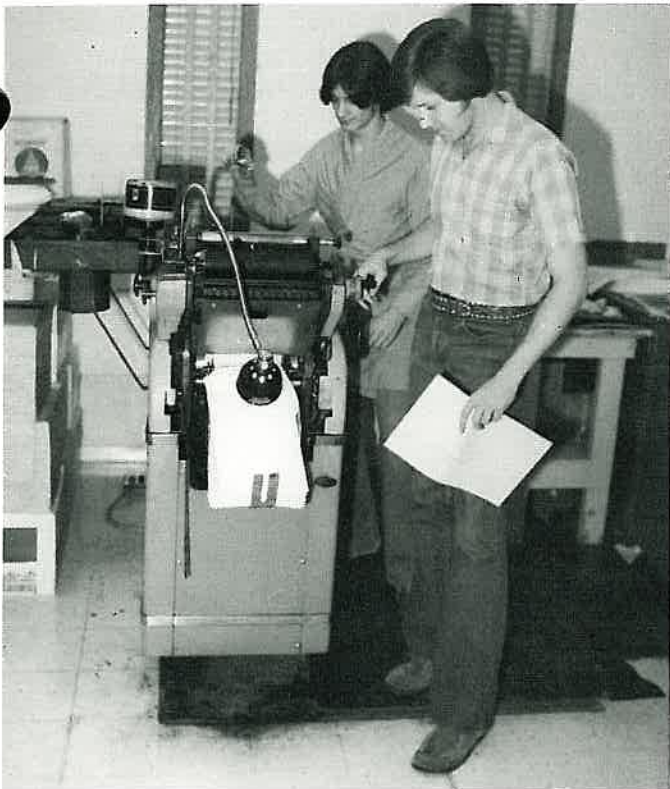
This is the big volume copier. The others throughout the Department are to be used for 1-20 copies, while the Xerox 9200 handles jobs of 20 copies up. For example, contract notices run from 40 to 70 pages long and when a job is advertised, 900-950 copies of the notices must be made immediately. . . that's anywhere from 38,000 to 67,000 copies. The Xerox 9200 can produce approximately 48,000 output daily. An addressograph is utilized for mailing needs.

In addition to the 9200, this unit has two offset presses and two platemakers. The offset presses are capable of multi-colored printing which requires the most ultimate in registration. The largest of the two offset presses (1850) handles the printing of all bid-letting halfsize prints. The volume of halfsize prints in a normal letting amounts to up in the thousands.



The 1850 Offset Press.

The 1850 also prints various color jobs for the Department including the Construction Report. The small press (1250) handles all of the colored printing of reports, brochures, dedication programs and all black and white printing of documents, forms, etc.



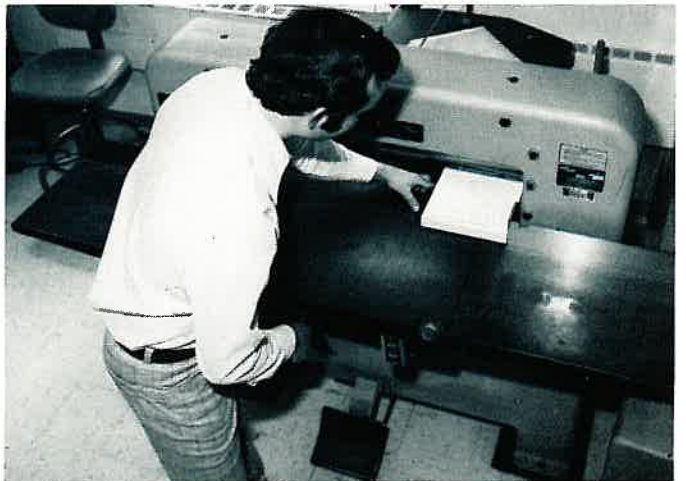
John Jackson and Robert Cagle operate the 1250 Offset Press.

The largest of the two platemakers (Itek) utilizes the camera system and produces paper offset masters from engineering drawings and various other jobs. The smallest platemaker makes a metal plate or Photo 8 from a negative using the direct exposure system.

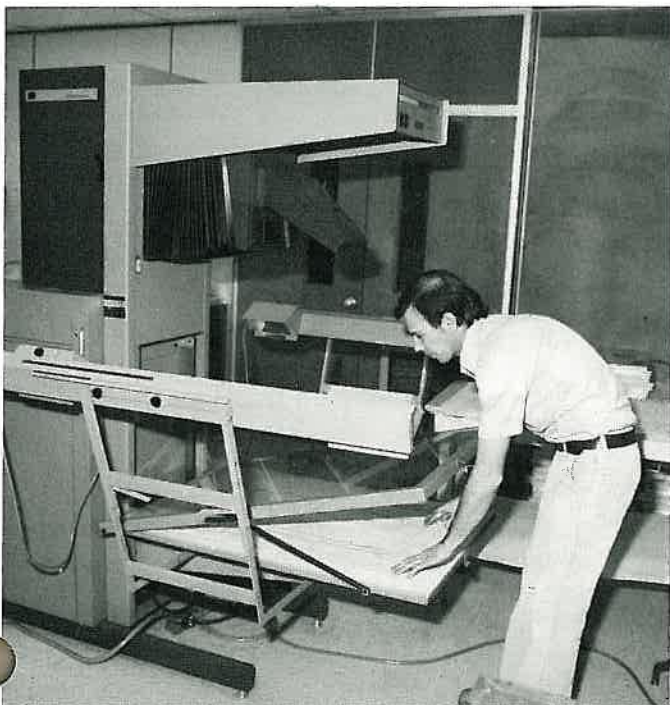
The unit also has a large 100-bin Thomas collator for collating jobs from the 9200 and offset presses.



The Offset Collator.



Larry Foreman operates the Champion Cutter.



Tommy Daniels and the Itek Platemaker.



Bonnie Hodge operates the punching and binding machine.



Ava Harding on the Addressograph machine.

Microfilm

The Section's Microfilm Program has become a lifesaver in the job of retaining Departmental records. Many items such as personnel files, engineering drawings, insurance cards, bridge inspection reports and job file folders must be retained indefinitely. No paper in existence has archival quality; film will last indefinitely.

Over the past few years, the microfilm system has been developed and improved upon and is now a complex, organized and efficient means of maintaining order and accuracy in a never-ending job.

35 Millimeter Program

The 35 millimeter program is based on a master file of aperture cards and 35mm roll film. Not only are cards maintained on file for central office use, but also every district is equipped with its own aperture card file with viewers and support equipment for utilizing the Department's vast store of microfilm.

The program involves the use of a large 35 millimeter planetary camera (capable of reductions of 8x to 30x), film processors, copiers, keypunch and a file system. When items, such as engineering drawings, are received to be microfilmed, they are reproduced by means of the planetary camera and stored on 35mm roll film.

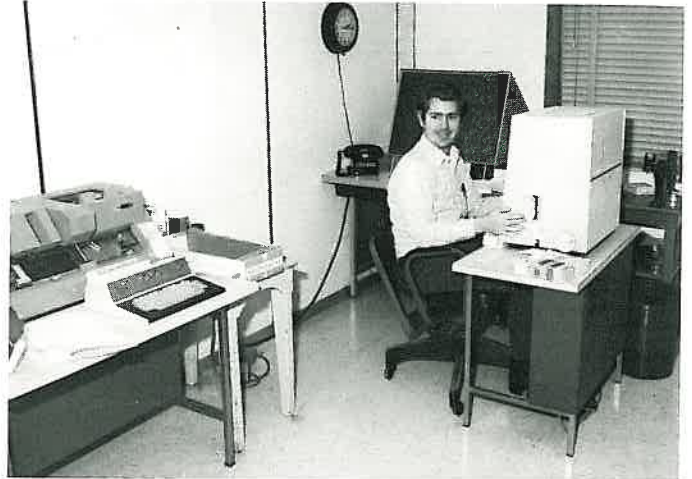
Aperture cards are supplied with data identifying each item on microfilm. When the engineering drawings (24"x36") on an entire job have been microfilmed, the original drawings are stored as long as they are being utilized.

When there is a need for a particular drawing for reference, the aperture card pertaining to that job is pulled from the file, inserted in the Xerox 600 Microfilm Printer and a master print is produced from the microfilmed drawing on a halfsize (12"x18") sheet.

Every job is keypunched for identification on

an aperture card and remains on file for use by Right-of-Way, Roadway Design, Traffic, State-Aid, and Bridge Divisions, as well as by any of the ten Districts.

The 35 millimeter program is so specialized and efficient, it has been copied by agencies of other States as well as private industries. For maintaining necessary records of larger size, the program has proven to be a most useful asset to the Department.



Frank Knowles operates the 35 millimeter aperture card copier.



The Aperture card 35 millimeter microfilm printer is used to make larger copies from the microfilm cards.

16 Millimeter Program

This program involves the use of two 16 millimeter cameras and two reader-printers which produce full size prints from microfilm. It is used to microfilm smaller size documents up to and including legal size (8½"x14"). Some of the documents maintained through the 16mm program include job files, records from Personnel, Accounting, Planning and Research, Construction and Maintenance Divisions in addition to minutes of Commission meetings.

After two rolls of film are shot simultaneously, one roll is filed, labeled and categorized for use in the Department. The other roll becomes a part of archival storage.

The film is keyed for retrieval, indexed and listed alphabetically for easy reference. On a 100-foot roll of 16mm microfilm, 2,000-2,500 documents up to legal size may be stored.

A viewer is used to check all film for acceptable quality. The same instrument can produce a print of original size for use in the Divisions and Districts.



Joyce Everheart and Patti Foster use the 16 millimeter cameras in the microfilm section and Supervisor is Dick Godfrey.

Unknown to many employees is a library housed within the Department. A number of highway and transportation related publications are shelved for reference by anyone doing research on a particular subject in this realm.

Books and magazines may be found pertaining to highway construction and transportation research. Survey and construction field books are also included.

A storage vault contains job file racks of engineering drawings, both active and inactive, correspondence files and miscellaneous records and printed matter for other Divisions of the Department.

Diazo Reproduction

One of the largest regular jobs handled by the Section is the reproduction of engineering drawings after a job has been advertised for letting. It is necessary to produce several sets of these, including copies for the Construction, Design Divisions, and FHWA as well as for contractors. This amounts to several thousand copies every month.

This job is handled by two Diazo copy machines (whiteprinters) which produce blueline prints. About 70 percent of the diazo prints are job sheets.

The two Diazo copiers also handle the printing of all city, county and various other highway maps produced by the Department.

The job is assisted by a punch and bind machine, a paper folder, a 20-bin collator and a 31" paper cutter.



Debra Allen makes prints on the Diazo white printer.

Copy Camera

One of the largest copy cameras in the State of Arkansas may be found in the Records and Reproduction Section. The 41-inch overhead camera has the capacity to reproduce anything that can be duplicated by film processing.

The camera produces prints from 35 millimeter to full size. It can render prints down to 15 percent reduction and up to 1,200 percent enlargement by producing line film negatives or positives, or half-tone negatives.



Jerry Heffington operates the overhead camera used for film negatives and halftones.

Uses of the copy camera include prints of construction job drawings, county map revisions, aerial photography enlargements, photographs, and con-

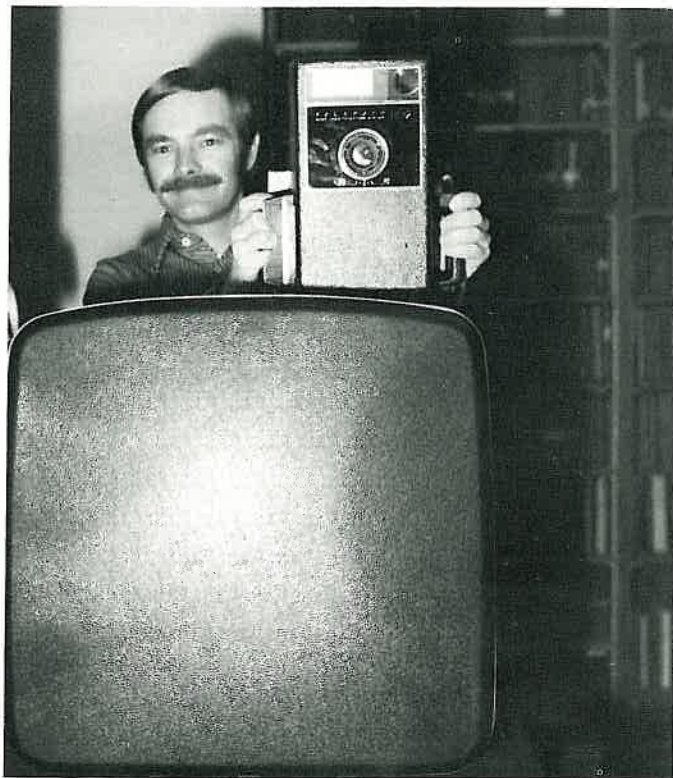
tinuous tone film development. The large camera can also produce finished photography such as positive to positive, negative to negative or negative to positive. Film positives may also be produced from aerial negatives on projection film (matte surface).

The copy camera produces all half-tone prints for publications by the Department.

A Bell & Howell 16-35 millimeter film processor develops all film from both 16 and 35 millimeter microfilm cameras.

ID Card System

Recently the Department has initiated an identification card system for the highway employees. Records and Reproduction has been assigned the photographic card making system. We have acquired a new Polaroid ID Camera. Two different types of ID cards are presently being made -- one is for highway employees and the other for highway police. The cameraman travels to various points in the state with his photographic equipment and processes the photo and ID card simultaneously on the spot. Regular highway employees are photographed and issued cards at the headquarters building in Little Rock. The initial paperwork for acquiring an ID card is processed first through the Personnel Section.



Jerry McKown operates the Polaroid Identification Camera.

Map Sales

One of the Department's public services is the sale and distribution of maps. Through the Planning and Research Division, in cooperation with the Federal

Highway Administration, the Department has prepared maps of the State, the 75 counties and all incorporated cities. These are available to the public and other governmental agencies at minimal or no cost.

Approximately 800,000 to 900,000 State Highway Maps a year are distributed, free of charge. City and County traffic maps are sold at a small cost. Of the county maps, approximately 75 percent are sold and 25 percent utilized by the Department.

Major users of the maps include sportsmen, campers, engineering firms and utility companies.

It is through this Section that the Departmental work flow is organized and controlled. Anyone with a Records and Reproduction need comes first to the Maps Sales office. Each job is numbered and priority set. In all cases the Section tries to fulfill the need as quickly as possible. If a rush job is needed, it can usually be handled within a short time.



Alma Stephens and Evelyn Buchanan run the Work Control Unit and Map Sales Department in the Records and Reproduction Section.

Conclusion

The Section keeps pace with new methods and techniques in the photographic, reproduction and micro-photo fields by attending equipment seminars held by the major photographic companies. At this point, the Section seems to be operating at a peak in modernization.

The most striking characteristic of the unit is organization. From the minute an individual walks into the office with a reproduction need, that person is assisted in a courteous, efficient and thorough manner. In numerous instances it is only a matter of a few moments before the work is completed.

If the job will take awhile, the person is assured that it can be handled and is given an approximate time the work will be ready. The person is then notified immediately upon completion of the job.

The next time you have a reproduction need, take a moment to thank one of the nineteen Records and Reproduction employees. They are ready to assist you, come rain, snow or shine; come work-day or holiday.

ARKANSAS HIGHWAY POLICE CELEBRATES ITS 50th YEAR OF PROTECTING ARKANSAS HIGHWAYS

The Arkansas Highway Police, Enforcement Division of the Arkansas State Highway and Transportation Department, celebrates its 50th year on March 30, 1979.

On that date in 1929, Act 299, known as the State Road Patrol Act, was signed into law. It dictated that the first Arkansas State Law Enforcement Officers would be identified as State Highway Patrolmen, and that their badges would read; "Arkansas State Highway Police."

The State Road Patrol has the distinction of being the first State Law Enforcement Agency in Arkansas and was placed under the direct supervision of the Arkansas State Highway Commission. Creation of the State Road Patrol was due to the foresight of Highway Department Engineers and Management, which is reflected in their Eighth Biennial Report, dated June 28, 1928.

"It is recommended that a State Constabulary Act . . . be passed by the Legislature of this State for the reason that such a statute will place the enforcement of present Motor License and Highway Laws in the hands of duly constituted police force clothed with the full arresting power of the various peace officers of the State and so provide a remedy for the flagrant violation of the automobile laws which are now written upon our statutes."

The Report went on to say. . . "Act 233, of the Legislature of 1927, contains sufficient provisions of safety and proper regulation for the preservation of our roads against the overloading of trucks and other vehicles, if an adequate power of enforcement is provided."

Act 299 required that funding for the State Road Patrol would be considered part of the State Highway Maintenance program, and would be provided for from the State Road Fund. The new innovation was absorbed into the Automobile Division of the State Highway Department.

The State Road Patrol was apparently well received throughout the State, because the Commission's Ninth Biennial Report, dated June 30, 1930, devoted space to discuss achievements within the Automobile Division, and commented,

"Under Act 299, the 47th General Assembly provided for a State Highway Patrol, conferring upon the Highway Commission through the Highway Patrol, the same police powers and the same authority on all highways, which

were heretofore vested only in the peace officers, provided for under the Constitution."

"The present patrol consists of twenty men, and while it has not been in force very long, from a monetary and public safety standpoint this law has been fully justified. It is the Commission's opinion that this force should be increased as soon as sufficient revenue can be set aside for that purpose. The reason for this is very apparent because since the enactment of this law all matters of Highway violation seemed to be passed on to the State Highway Patrol and little or no effort is being made by the local Peace Officers to enforce any of the rules and regulations promulgated by the State Highway Commission for the protection of the people upon the highway, or for the proper licensing of all motor vehicles."

The State Road Patrol was assigned twenty-four of the Highway Department's ninety-five cars, according to the records maintained in 1930. They included popular brand names of that era as, LaSalle, Nash, Reo, Graham, and of course, Chevrolets, Fords and Dodges.

On February 18, 1933, the State Road Patrol was transferred to the State Department of Revenue by Act 45, and Act 123 of 1933, giving the State Highway Commission authority to promulgate rules and regulations governing the use of State Highways, but placed the power of enforcement with the Department of Revenue, through the State Highway Patrol.

On March 19, 1935, the Department of State Police was created by Act 120, and co-existed with the State Road Patrol until 1937.

On March 1, 1937, the State Road Patrol was de-activated. The duties were split between the Arkansas State Police, and the State Highway Department. Routine traffic violations on the highways, traffic accidents, and State Criminal matters were included in the duties of the State Police, with the enforcement of weight, size and related regulations concerning trucks returned to the Highway Department. The Arkansas Highway Police did not physically exist any longer, but did exist in the spirit of the statutes such as Act 300 which combined with Act 123 provided the State Highway Department with enforcement authority.

The spirit of the State Road Patrol lived on within the Traffic and Safety Division of the Highway Department. Act 300 of 1937 was amended

to provide the State Highway Commission with Police Powers. The Act authorized the Commissioners to designate, deputize and delegate to highway employees, the necessary authority to enforce statutes regulating the maximum loads to be hauled on the State Highway System.

The State Highway Commission's Fourteenth Biennial Report for the period from July 1, 1938 through June 30, 1940, reflects the continuing effort of protecting the State Highway System.

"Enforcement of traffic regulations with respect to trucking operations is a function of this Division (Traffic and Safety). Four men were assigned to this work in November 1938, and at the end of the fiscal period, June 30, 1940, some twenty-five traffic inspectors or helpers and two field supervisors were assigned to this function. During the month of January 1939, overloads averaged more than 50 per cent of the vehicles checked each week."

"It is noted that these Weight Officers accounted for an average of \$2,346.50 per week of revenue practically all of which would have been lost to the State otherwise, since it was collected from trucks operating illegally or violating permits granted to operators of vehicles registered in other states. The main purpose of this function however, is for the protection of the huge investment made in Arkansas' Highways, a service which cannot be easily measured in terms of dollars and cents, but which is none the less tangible."

The formation of this unique law enforcement effort continued to take shape with the Highway Department, and is discussed in the Commission's Fifteenth Biennial Report, dated June 30, 1942.

"In 1938, four men were assigned to the weight inspection work. As time elapsed and trucking operations and travel increased it became apparent that this function would have to be stepped up in order to offset the severe damage which was occurring to bridges and highway surfaces. Taking cognizance of this situation, the 1941 General Assembly made a separate appropriation whereby it has been possible to materially increase the personnel and equipment. There are now thirty-five weight inspectors including two field supervisors actively engaged in enforcement activities. Eight permanent weight stations are located at strategic points on major highways entering the State, with eight roving crews equipped with portable scales operating throughout the State. The Weight Stations operate twenty-four hours a day, and roving crews alternate weekly working days and nights."

The State Department of Revenue joined in the effort to better regulate traffic on Arkansas Highways, when Act 283, dated March 23, 1943 provided power and authority to enforce all laws pertaining to the lawful operation of motor vehicles on Arkansas Highways.

Once again, as did the State Road Patrol in 1933, the enforcement personnel of the State Highway Department transferred to the State Revenue Department, where they resumed additional duties of enforcing all traffic laws, as their predecessor, the State Road Patrol did many years before.

Throughout the period of 1937 through 1943, the Arkansas State Police was also performing limited efforts in the enforcement of size and weight laws, in concurrent cooperation with the Highway Department enforcement officers.

Under the new concept of 1943, the State Revenue Department enforcement officers not only concentrated on size and weight but also licensing and fuel tax requirements.

A few employees of the State Highway Department still performed a service function, concerning the weight of vehicles. The Highway Department employee would provide the equipment, and ride on patrol with an Arkansas State Police Trooper.

This enforcement effort continued until 1953, when Act 122 consolidated the efforts by creating a Division within the State Police. The Division was titled, The Weights and Standards Division, Arkansas State Police. All equipment, personnel and duties were transferred from both the Department of Revenue and the State Highway Department.

Thirty-four years after creation, the concept of the State Road Patrol returned home to the Arkansas State Highway Department, when Act 125 of 1963, repealed the Weights and Standards Division of the Arkansas State Police, and transferred it with State Police powers to the State Highway Commission. Throughout all the years since 1929, the State Highway Department funded the efforts of weight and size enforcement, and the spirit of the Road Patrol was kept alive as a Highway Department function.

Now in the year of 1979, the badges of the State Highway Patrolmen read: "Arkansas Highway Police." The Golden Anniversary of the A.H.P. is steeped with tradition, and a restless transfer of duties from one State agency to another.

The modern A.H.P. of 170 officers spans the State from border to border as did its 'Grandfather', the State Road Patrol, and continues to protect the highways of Arkansas.

The Arkansas Highway Police was the FIRST Law Enforcement Agency in Arkansas history and a creation of Highway Department men of vision. It is fitting that now in its 50th year, the Arkansas Highway Police is home, where it was born in 1929, the AHTD.



Equipment Auction Held

People are always looking for a bargain. . . whether it be clothing, household furnishings, or transportation. In many cases a new item is too expensive, so the shopper begins the search for a good used one.

That was the case on a cold, rainy day in December when the Arkansas Highway and Transportation Department held its fourth annual auction at the Jacksonville Central Shops of 724 items of used and obsolete equipment.

Despite the weather, more than 3,000 persons turned out to bid on the scrap metal, used tires, trucks, frontend loaders, motor graders, mowing equipment, sedans and station wagons. Proceeds from the auction were in excess of

Three days prior to the auction, prospective bidders were encouraged to stop by the shops and inspect the equipment. Several hundred took advantage

of the opportunity.

What type of person would buy used and obsolete highway equipment? Just about anybody. . . individuals looking for a second-hand pickup truck or automobile, contractors who want additional dump trucks, motor graders or tractors, and equipment dealers.

The most popular selling items are tractor type mowers, pickup trucks, dump trucks and sedans. Maurice Head, Equipment Superintendent, said, "Public auctions move the equipment quicker and this method has proven to provide a greater dollar return for the Highway and Transportation Department."

Representatives from the Internal Audit staff and from Fiscal Services were present during the auction and personnel from the Arkansas Highway Police were on hand to control traffic.

AHTD Bridge Seminar Conducted

The 1979-1980 Bridge Inspection Program in Arkansas differs from the past year's programs in that its purpose is to inspect all bridges on the County and Urban Highway Systems.

Originally, the program called for the inspection of county bridges on the Federal-Aid System only, however, the Surface Transportation Assistance Act of 1978 increased the funding for bridge replacement and rehabilitation. The Act also provides that an inventory be made of all bridges both on the Federal-Aid System and the off-system, according to John Hall, Bridge Maintenance Engineer.

"Apportionment of funds to each state will be dependent upon total bridge replacement needs as

compared to all states in the nation," Hall said. "Therefore, based upon these needs, it was decided that the 1979-80 County/City Bridge Inspection Program be accelerated."

A seminar was held in the auditorium of the Central Office Complex December 19-21, 1978. The entire program was developed to train new inspection personnel, to serve as a refresher course for experienced people, to provide for input of new ideas relative to bridge construction and bridge inspection and to outline the overall requirements and policies governing the 1979-80 Inspection Program.



New Bridge Over White River Dedicated at Batesville

Approximately 150 citizens attended the dedication of the new four-lane bridge across the White River at Batesville on Saturday, December 16, 1978.

George Kell, Ark. State Highway Commission Chairman and U.S. Representative Bill Alexander of Osceola shared speaking honors at the ceremonies which took place at the north end of the \$4.6 million structure.

Duplicating a dedication of bridge construction 50 years ago was declared by local businessmen to be the most important event of the century to North Arkansas. Batesville's first bridge on the river was officially opened July 4, 1928 at a cost of \$330,083.

Alexander told those present at the bridge on a sunny but windy day that Arkansas' agricultural future lies in the establishment of foreign markets and the development of its transportation system.

"In order to respond to the opportunities for trade that we have now," Alexander said, "it is absolutely essential to develop our transportation system."

Alexander referred to an announcement made by President Carter that American relations with the People's Republic of China will be normalized as historic for the people of Arkansas.

"With 900 million hungry Chinese and vast resources of oil and gas, they have the resources with which to exchange for the food we produce in Arkansas," he said, "and we cannot transport that food from the fields of Arkansas to the ports of the world unless we have the highways and bridges over which to transport those products."

"In this day and time we have a saying that you've got to 'keep on truckin', but you certainly can't do that without roads and bridges," he added.



Representative Bill Alexander

"We've got to have more and better highways to handle bigger and heavier trucks to carry our products from the fields and plants of Arkansas to the ports of transportation around the world," he said.

Alexander said the federal government has started to recognize the importance of devoting more money to the rural transportation systems of the nation but that the state's leaders and citizens must also concentrate on meeting its needs.

Highway Commission Chairman Kell recalled that the first contract for the new bridge was awarded in April 1976 "with no earthly idea" of where the rest of the money for the project, which wound up costing \$4,638,000, would come from.

"But we did know that the old 2-lane span had the highest traffic count of any two-lane span in Arkansas... and that it was a traffic hazard," he said. "It had to be done, and it had to be done soon."

Kell credited Alexander with much of the leadership in passing a bill to replace unsafe bridges and then with getting funds for the bridge at Batesville. The federal government wound up paying 75 percent of the cost and the state the remainder.

"This area is experiencing tremendous growth, and a large part of this growth can be attributed to updating the modern transportation system that you have," said Kell.

The new bridge will allow better fire protection and medical service for residents south of the river, he said, as well as an easier and safer means of reaching their jobs north of the river.

State Senator Bill Walmsley of Batesville, who

served as master of ceremonies, also emphasized the need for new attention to Arkansas' transportation system.

"In 1979 for the first time we're going to have to look very hard at certain sacred cows," he said in endorsing the use of general revenue funds for the state's highway program, which now receives only special revenue funds.

Others taking part in Saturday's ceremonies included U.S. Senator Kaneaster Hodges of Newport, who offered the invocation; County Judge Jess Carpenter and Batesville Mayor Peyton Golden, who gave welcoming remarks and State Representative Tommy Mitcham of Southside, who introduced the special guests.

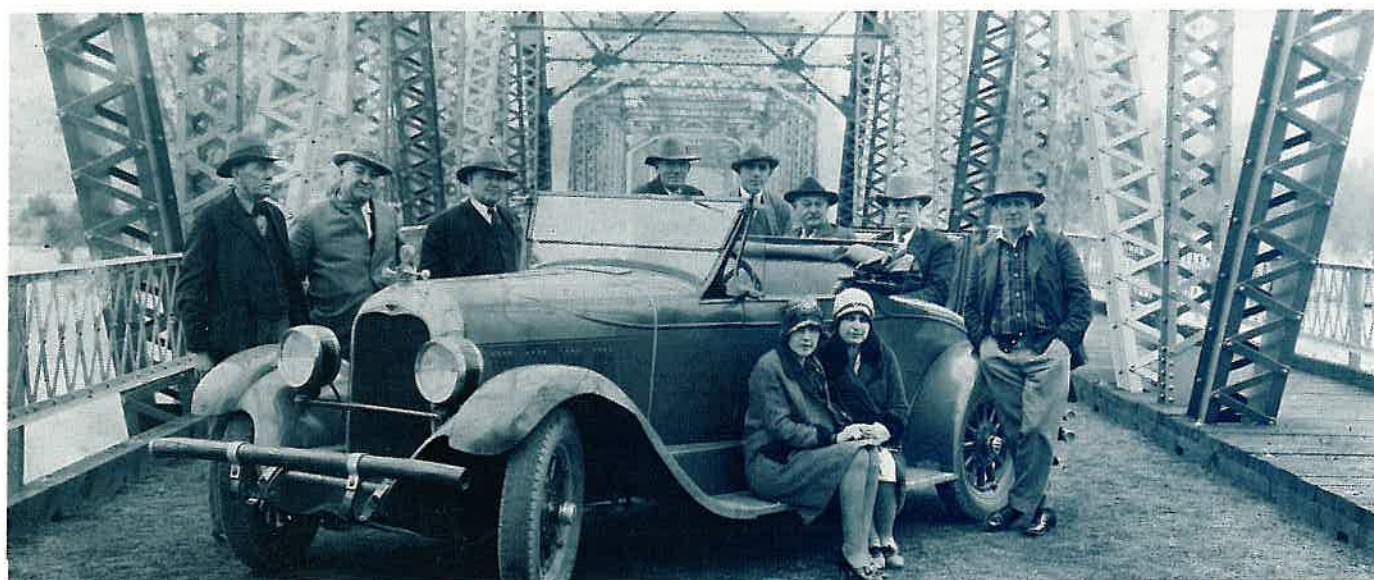
The Batesville High School Band provided music, and Company B of the Arkansas National Guard furnished a color guard.

Sharing the ribbon-cutting honors with the current Miss Batesville, Janet Oliver, and Miss Independence County, Brenda Blount of Floral, were two women who took part in the dedication of the old White River Bridge in 1928, Mary Louise Barnett Hathcock, who was Miss Batesville, and Lillye Scott Long, who was Miss Independence County.

Wilson Powell, former Batesville Area Chamber of Commerce president, presented Highway Commission Chairman, George Kell, with a huge portrait of himself in recognition of his efforts to get the new bridge built, and later Kell presented the ceremonial scissors to Mayor Golden.



BATESVILLE BRIDGE DEDICATION



Park-Ride Lot Designated

The Arkansas Highway and Transportation Department, in an effort to promote public transportation, has designated forty parking spaces in the southwest corner of the AHTD Central Headquarters parking lot for use as a park and ride commuter lot. The facility will be served by Central Arkansas Transit in Little Rock and South Central Arkansas Transit from Malvern and Benton. Morning and afternoon service is planned.

A modular aluminum frame shelter with plexi-glass walls is planned to be erected by the bus companies so that patrons will be protected from the elements.

This is a significant step by AHTD to promote energy conservation, reduce downtown traffic congestions, and provide needed service to the transportation disadvantaged.

Central Arkansas Transit buses began using the lot December 4th. Buses on the Mabelvale routes make three morning and afternoon stops at the parking lot. The morning stops are at 6:55, 8:40 and 10:15 a.m. They will arrive downtown at 7:45, 9:25 and 10:50. The buses returning to the lot in the afternoon will leave downtown at 3:00, 4:40 and 5:50 p.m.

South Central Arkansas Transit has not started its service yet but expects to announce a schedule in the near future.



Annual Awards Presentation



The Annual Awards Presentation Ceremony for Central Office employees took place in the Department's Auditorium on Friday, December 15, 1978.

Miss Patsy Thomasson, Highway Commissioner, and Henry Gray, Director, presented service certificates to thirteen employees who represented more than 335 years of service to the Highway and Transportation Department. They were: Johnnie Gray, 25 years; Roy Shelby, 25 years; James Lowe, 25 years; Lee Gibbons, 25 years; John Hume, 25 years; Ed Johnson, 25 years; Ferol Jones, 25 years; Claude Roberson, 25 years; Chester Willis, 25 years; Hubert Holland, 25 years; Gip Robertson, 25 years; Harold Parsley, 30 years; and Betsy Morrison, 30 years.

Miss Thomasson presented retirement certificates to two employees who represented 57 years of dedicated employment to the Highway and Transportation Department. They were: Ed Orsini, 26 years; and Robert L. Pinson, 31 years.

For 42 Years He Scanned State Roads for Potholes

By Sally Kirby
Of the Gazette Staff

In 42½ years Brewster Shalmy has gotten to know better than anyone else the 1,900 miles of highways encompassed by District II of the Arkansas Highway and Transportation Department. Traveling 50,000 miles a year as the Highway Department maintenance supervisor, he has scrutinized countless miles of highway in eight counties for potholes and winter damage.

Retiring this month from the Department, Shalmy, 65, could opt to settle down and take up a hobby to keep him busy at home. But with love of the road ingrained in his soul, Shalmy is already planning to hit the highway with his wife to visit grandchildren, go fishing and see parts of "Arkansas I haven't seen."

When he went to work for the Department as a 20-year-old, Shalmy didn't dream he would be retiring from there. A high school graduate out of work in the wake of the Great Depression, Shalmy searched for a year for steady work before taking a job as a highway laborer at McGehee in 1935. The job was appealing because "it was the only one I could get," he recalled.

Shalmy never expected to stay long at his road construction job, and he certainly didn't plan on making a career of Department work. Somehow one thing led to another, Shalmy moved up the ranks and this month retired as District II maintenance superintendent with longer service than any other current employee. Of all workers ever employed by the Department, he is among the top five in tenure.

"Seldom does a person devote 42½ years to public work in one locality. Brewster is the best maintenance superintendent the Arkansas Highway and Transportation Department has had," Sam Smith, the District Engineer, said.

Shalmy could have worked five more years before being required to retire. He decided to leave his job because of his belief that "a good young man is better than a good old man * * * and can do a better job."

The jobs the Pine Bluff native has held in the Department are varied. After working in construction, he was a truck driver, a foreman, job superintendent, assistant maintenance superintendent, and in 1955 became maintenance superintendent of the District Headquarters here. He left the Department for a year early in his career to take a better paying job. Reflecting on the move at his home one Sunday afternoon, Shalmy said he was "glad to get back" to highway work and never wanted to leave the Department again.

The fact that Shalmy was allowed to work for the Highway Department for as long as he did is amazing, considering that until the mid-1950's Department jobs were political prizes awarded at the whim of the governor. Shalmy's job was never threatened even though he didn't "play politics." With a high-pitched laugh, the jovial retiree says that maybe he survived "because I did a good job."

Until the Mack-Blackwell Amendment to the Arkansas Constitution was passed during the late Governor Francis

Cherry's administration, "50 to 60 per cent" of all highway employees were dismissed and a new group hired whenever a new governor took office, Shalmy recalled. "It was bad for the employees and the people of Arkansas. Everyone was looking for fringe benefits."



With the amendment removing the Department from the governor's control came job security, continuity of planning and better-trained employees. But in the last few years, Shalmy has been dismayed to discover a change in attitude in the number of newer workers. "They use to take a lot of interest (in their jobs). Now some people we hire are just there for a few days and a few weeks. We get them trained and they're gone."

The maintenance superintendent's proudest accomplishment is in seeing the miles of gravel and dirt roads of the 1930's turned into the paved highways of today. "We are gradually getting them all paved. In the next two or three years, if we can get the money, (the District) will have every road paved," Shalmy predicted.

Being responsible for the repair and upkeep of 1,900 miles of roads in eight counties, made Shalmy a traveling man by necessity. Arriving at work about 7 a.m., he had office work out of the way in an hour and was usually "ready to go" do his favorite part of his job – being out in the counties he supervised. "I know the area well. I've driven all the roads, helped build some and maintain them all."

After working so many years examining roads for flaws, Shalmy has trouble being off duty and continues to study the roads on which he rides. "If I'm traveling in another state I

will look at the roads, shoulders, ditches and signs."

While he is looking forward to having leisure time to fish, read and enjoy sports, he has made no definite plans. "I don't know what I'm gonna do. I may go batty. I've never been off before, but I'm gonna do the best I can," Shalmy said. One thing he knows he'll have trouble doing is staying away from the Department he was part of for so long. "I won't make a nuisance of myself, but you don't work somewhere for 42 years and then forget."

Reprinted from the Arkansas Gazette January 31, 1979.



The Brewster Shalmy family.

Training Committee Selected

On-the-job training has long been recognized as an important technique in developing personnel to their full potential in order to increase efficiency and productivity. It also assists the employee in career development and aids the Department in recruitment and retention of qualified employees.

Due to the many seminars, inspector schools, National Highway Institute training sessions, and other training meetings it is necessary that the Department establish a formalized method and procedure in this area. Director Henry Gray has designated Jim

Gilbert, Assistant Personnel Officer as Training Coordinator and has created a Training Advisory Committee to assist the Training Coordinator with assessment of training needs, program coordination, formulation of goals and priorities, and other related functions.

The following individuals have been selected to serve on this committee: Melba Shepard, James R. Tucker, Danny Flowers, William Tyler, Roger Almond, Alan Holmes, James Briley and Russell Bintliff.

EEO Highlights

The Supervisor's EEO Handbook states: "The Department's promotion program will be publicized by highlighting breakthrough promotions and advancement of minorities and females to key positions in the Highway Magazine." Ms. Susan Ishmael of the Planning and Research Division has been designated to interview such employees and write the articles for the magazine. Should this type of advancement occur in your area of responsibility, contact Susan at 569-2428.

"Why are women reluctant to go into technical fields?"

According to the Director of the Project on the Status and Education of Women, they aren't reluctant, but are often steered away from science and engineering fields from an early age.

One of the reasons is that "math anxiety" seems to affect women more than men. Our culture has often made math ability a "masculine" attribute, subtly discouraging a woman from doing well in math and soothing her by telling her she does not have a "mathematical mind."

Fewer than ten percent of the doctoral degrees in math, science and engineering go to women and the result is that women are missing out on job opportunities because of their lack of scientific and mathematical training. . .

Alice Jo Dong Bridge Design Engineer

One woman at the Highway and Transportation Department decided years ago that she wanted to pursue a technical career. Alice Jo Dong, an engineer in the Bridge Design Division, has always been fascinated by math, puzzles and anything else that involves wading through a challenging problem and arriving at a solution.



She graduated from the University of Arkansas at Fayetteville where she received B.S. degrees in math and civil engineering. She later did graduate work at Memphis State University and received the M.S. Degree in structural engineering.

Originally from Altheimer, Mrs. Dong began working at the Highway and Transportation Department in 1950. She relocated twice during the years and left the Department, but now has accumulated nearly fifteen years of service. All have been served in Bridge Design.

Formerly in a Design Squad, she now works in the Checking Section which is responsible for checking verifications of plans and shop drawings.

Mrs. Dong, who has also worked for the Bechtel Corporation in San Francisco, said that something kept bringing her back to the Highway and Transportation Department. "It's home," she said. "There just isn't as much pressure here as there is in the business world."

She is thoroughly happy with her job, she stated. "The real challenge to me is wanting to do something, learning how to do it and doing a good job at it. I have always wanted this," she said.

She seems completely at ease in what has long been considered by many as a man's world. She feels that a woman can accomplish anything she truly wants to accomplish, and it looks as though she has done this.

Mrs. Dong has one son who is studying engineering at Memphis State University.

Sandra Phillips Bridge Inspector

Another job held by very few women is that of Bridge Inspector. Sandra Phillips of Ralph Jones' Residency holds this position and enjoys the benefits of an outdoor job.

A native of Little Rock, Mrs. Phillips has been with the Department since October 1976. She has worked in several capacities as an engineering aid, fulfilling a number of duties on the field crew.

The work of a Bridge Inspector consists of observing and verifying all types of bridge materials, including reinforced steel, structural steel and concrete. The inspector must then verify placement according to bridge plans and specifications. The bearing capacity of piles is checked as is the con-

sistency of the concrete used in the bridge.

Mrs. Phillips assists in the surveying and general inspection of bridges. She also helps complete the paperwork related to the job. Some of her other responsibilities include lining and grading of columns, caps and footings, pouring decks and parapet walls, driving piles and inspecting concrete quality.

A 1976 graduate of Mills High School, Mrs. Phillips was married recently. She is the former Sandra Denza.

She stated that she finds her work interesting and enjoys being outside. She also appreciates the opportunity of associating with numerous people in the course of the job.



Sandra Phillips



EMPLOYEE'S ADVISORY COMMITTEE

Front Row, from left to right: M.J. Jordan, District 1, Fred Doles, District 6; Susan Martin, Secretary, District 3; and C.V. Freeman, Central Office. Back Row, from left to right: John Smith, Chairman, District 5; Tommy McGuire, District 8; Ricky Neal, District 2; Colin Bridges, Vice-Chairman, District 7; Bob Mainer, District 4; Tom Carter, District 9; and Ron Blankenship, District 10.

Arkansas Leads in Plan Production

A recent nationwide survey on the dollar volume of construction plans produced by each state as compared to the number of design engineers and technicians revealed that Arkansas led the nation in dollar value of plans produced per employee.

Last year designers at the Highway and Trans-

portation Department produced \$1,630,000 volume of plans per employee.

In a memo to each design division head, Director Henry Gray said, "This is an outstanding accomplishment and you and your staff are to be congratulated for a job well done."

Resident Engineers Host Three-day Conference

The 1979 Resident Engineer's Conference was held in the auditorium of the Central Office Building at Little Rock, February 14 - 16.

The three-day conference provides the District Engineers, Resident Engineers and their assistants an opportunity to re-evaluate the Department's position on many points which have become controversial and to discuss policies and procedures which have been advanced since the last conference.

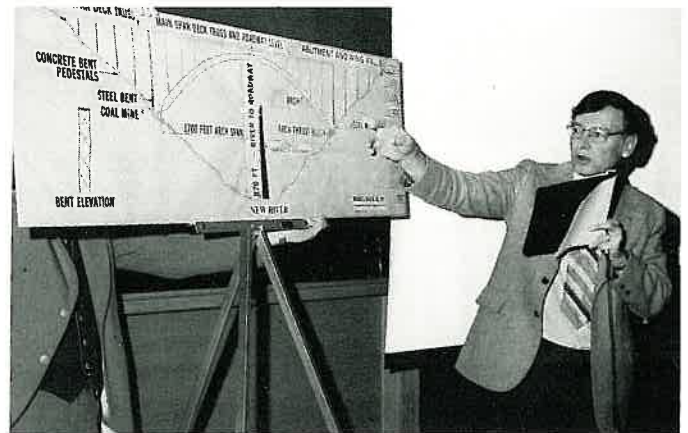


Mr. Charles Venable

The first day's theme was devoted to "Traffic Safety Through Construction Zones." Among the topics discussed were: "Tort Claim Fever - Its Prevention and Cure", by Jean Rogers, Regional Counsel - FHWA; the new "Manual on Uniform Traffic Control Devices", by Jim Barnett, Traffic Engineer - AHTD; and "Traffic Control in Work Areas - A Cooperative Effort", by Steve Hofener, Texas A & M.

The second day's program consisted of various topics, such as; "Combating Inflation in Highway Construction Costs", "The Energy Crisis - Is It A Problem?" and "Assistance to Local Governments". There were also reports on I-40 Reconstruction near Forrest City by Ralph Hall, R.E., Preview of the Arkansas River Bridge and I-630 by Bobby Parker, Freeway Engineer, and the Arkansas Good Roads/

Transportation Council by Brooks Griffith, Executive Director.



Frank Kempf of the Michael Baker, Jr. Incorporation, explains the design and construction of the New River Gorge Bridge.

The last day of the conference was for Construction and District personnel. The items discussed included a report on Construction Division Training by Ralph Blackwell, Construction Management; R.E. Review Committee Report by Harold Beaver, R.E.; and the new "Report of Work Performed" sheet by Mickey Reese, Jim Gee and Allan Holmes, Asst. Construction Engineers.

The culmination of the conference was a banquet with State Auditor, Jimmie Lou Fisher as the guest speaker.



Ms. Jimmie Lou Fisher



Snow and Ice - Again!

For the third year in a row Old Man Winter wreaked havoc on Arkansas. Snow, sleet and freezing rain fell in all sections of the State in January. The first of February offered no relief as more snow and ice fell. On February 6 and 7, nine inches of snow covered most of the State.

An ice storm in Southern Arkansas downed trees and powerlines, leaving thousands of people

without electric power for several days before all of the repairs could be made.

Highway and Transportation Department crews worked many long, hard hours to keep the highways cleared of ice and snow. The Department spent approximately \$2.0 million in a two month period just for snow and ice control.



The Automobile

PA
(1935

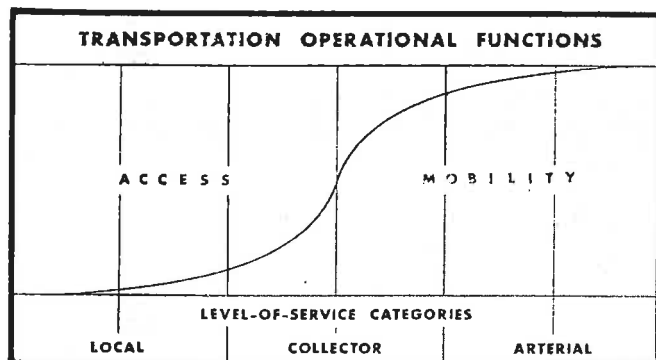
A New Partnership: --Ecc
Join Engineers a
Highway, Road and Str

Like several great characters of legend whose debuts upon the world scene were heralded by storm and stress, "comprehensive planning" was born into highway, road and street administrative methodology during the mid-'thirties amidst the clamour, the bickering, and the unhappy fiscal travail of pending public bankruptcy because of the enormous burden of defaulting bonds. The midwife attending this birth was the severe tension developed in economic recession. The obscure and little-regarded new participant in the highway transport management field focussed with a new clarity upon a basic and timeless fact: supportive resources for public needs are always limited while need (demand) knows no limits, and the ultimate goal of public administration is to measure available resources against evaluated need in all its aspects for the optimal accomplishment.

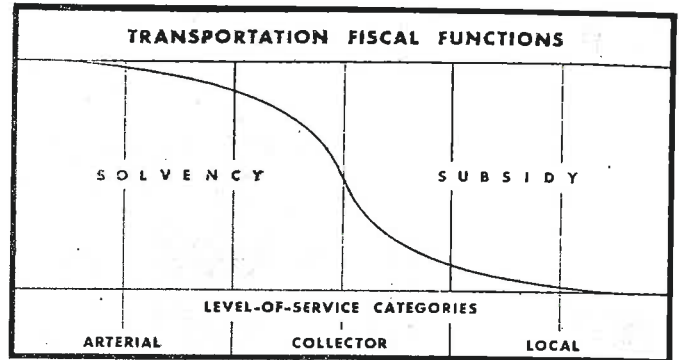
Quite outside the political arena in which the highway, road and street programs of the early automobile era were implemented and much broader than the engineering discipline under which they were carried out was the school of true transport students. Here modern principles and concepts of swift mobile self-propelled transportation had been in slow gestation over the preceding decades of this century. In this school of thought it was early recognized that there were two, and only two, basic sub-functions in the transport function -- on the one hand, the ancient and continuing service to societal routines embodied in land access ways, a rather simple evolution from the neolithic footpath between the cave and the spring or water-hole; and on the other hand, the arterial service generated by sophistication in commerce, technology, and cultural activities and typified in today's freeways as well as the Roman "High Ways" of two millenia ago and the mail-roads of the Persian Empire whereon the U.S. Postal Service's favorite quote "Neither snow, nor rain, nor heat, nor gloom of night stays. . .their appointed rounds." was the first coined -- even earlier by a millenia or more.

This is a crude over-simplification, of course, since there are innumerable combinations of these rudimentary ways ranging from the farm lane or carport drive to the Houston 'Spaghetti Bowl' or urban freeways. It is the relative difference in sub-functional relationships which becomes the determinant in fiscal efficiency and successful economic structure for all transport systems. These determinants can only be derived by objective comprehensive planning where accurate and equitable consideration is given to all factors, from the engineering problems of terrain and design to the demographic problems of population density and distribution, and the economic problems of fiscal and life-style support systems.

The range of sub-functional transport relationships is graphically illustrated in this chart. . .



. . .while the correlation with fiscal function (assuming a road-user-charge frame of reference) is similar and graphically obvious in this chart. . .



. . .and comprehensive planning opened the door to a rational utilization of these techniques in highway, road and street management for fiscal economy and operational efficiency.

Heretofore the objective concepts of the transportation students were given subjective application by the pragmatists in the legislative process -- an application fundamentally devoid of any real economic or demographic factors and possessing little beyond the most superficial fiscal perception. In the pioneering years of the new automotive high-mobility life-styles in a rural economy, the application was a relatively simple process of providing public funds for the engineers to construct their exciting all-weather two-lane roadways between seats of local government, which were usually local market centers and railheads also. This process was gradually extended to give access to those few "major" established industrial centers situated away from seats of local government which were not the direct routes between such towns and cities.

The inevitable result was a spider-web centered upon the seat of State government. It was an arterial network radiating from Little Rock, an expression of lines of authority from the State's governmental and commercial center to the satellite subcenters of government, commerce, and in those days the agricultural power elite. (Forestry and mining activities were still well-served by the short-line railways of the State.) The only major interstate link was the road into Memphis, whose gravitational pull, commercially and culturally, upon all of East Arkansas, was unmatched along any other State border.

It was a simplistic application of engineering principles within the constraints of funding controls established by State legislators wholly responsive to local constituencies. Within these local constituencies it was widely believed that regional and national commercial transport of both goods and persons was properly the responsibility of the railroads and that a

Age In Arkansas

IX
1937)
omists and Demographers
d Geographers in
t Management Decisions.

similar arterial highway service was a matter of very low priority indeed. Trucks were for hauling farm produce, cotton usually, to the railhead. Paradoxically the railroads were even then succumbing to the maiaise triggered by the Great Depression which would eventually rob Arkansas travellers of rail passenger service and deprive many counties of all rail service -- passenger and freight.

Since the creation of the Arkansas State Highway System, those responsible for its administration had been dominated by two major objectives which were in many ways so overlapping as to serve only one: (a) the development of a Statewide arterial system of all-weather State Highways, reaching from the State Capitol to every seat of county government and, (b) the development of the piecemeal patchwork of the old road improvement district roads (almost all of them incorporated in the State Highway System) into a network offering reasonable route continuity throughout the network and parity among the counties. Both of these objectives have long since been superseded and forgotten -- only symbolized today be the zero milestone on

the State Capitol grounds.

But Arkansas was fortunate in having men of perception and broad interests in positions of influence upon the highway program at both the State and the Federal level. As a consequence, the State pioneered, in cooperation with the U.S. Bureau of Public Roads (USDA) (now FHWA: USDOT), in exploratory early comprehensive planning efforts. Significant among these projects was a one-month pilot traffic survey on State Highways, one of the very first in the nation. This pilot project in January, 1929 covered some 150 locations and produced very useful preliminary data for insight into the use of State Highways and for developing the frame of reference for comprehensive highway, road and street planning techniques and the methodology for collecting, cataloguing, compiling and analyzing the data essential for the planning technology. This was a great step forward when one recalls that almost no data on road-use and benefits and little on transport cost relationships were available at this time. Information on traffic volumes and characteristics, e.g., density, composition, origin, destination, desire line, seasonality of flow, et cetera, was negligible or nonexistent for most States in the 'thirties.

On the basis of the 1929 survey experience, Arkansas and the Bureau of Public Roads in cooperative agreement conducted a 12-month expanded statewide traffic survey in 1934-35, which in an elementary correlation with the 1929 pilot study gave the first factual indication of the chronological factor in highway planning and a tenuous suggestion of the hazards inherent in too many assumptions on too little data. Table 40 from the 1934 survey report illustrates this:

TABLE 40
Comparison of motor vehicle traffic on 145 sections of Arkansas State Highway System in 1929 and 1934-1935.

Summary					
AVERAGE DAILY TRAFFIC DENSITY					
State District Number	Number of Sections	1934-1935	1929 Average Annual*	1929 Average January*	Per Cent of Increase or Decrease 1929 to 1934-1935
1	5	5,967	3,809	3,047	+56.7
2	7	4,294	8,166	6,533	-47.4
3	21	10,700	9,476	7,581	+12.9
4	11	9,522	7,076	5,661†	+34.6
5	12	3,803	3,360	2,688	+13.2
6	16	15,016	13,980	11,184	+ 7.4
7	18	12,921	16,322	13,058	-20.8
8	29	13,208	14,722	11,778	-10.3
9	9	2,394	1,898	1,518†	+26.1
10	17	8,939	5,978	4,782	+49.5
Total	145	86,764	84,787	67,830	+ 2.3

*January traffic in 1934-1935 survey was 80 per cent of the average month. The 1929 annual traffic is based on this figure.

† Raised to 24 hour basis.

Since the Highway Districts are geographically much the same today, a look at the overall 1978 ADT in each District gives an interesting perspective.

District Number	ADT 1978	ADT 1929	Index-1978 1929 = 100
1	2,230	762	293
2	1,708	1,166	146
3	1,610	451	357
4	2,423	643	377
5	1,425	280	509
6	4,272	874	489
7	1,671	907	184
8	1,751	508	345
9	1,445	211	685
10	1,920	352	545
Statewide	2,044	585	349

Six percent of the 1929 data were horse-drawn vehicles. The State's total daily travel in 1929 averaged just under 3,000,000 vehicle-miles per day. Although the total system travel increased very slightly by 1934 because of the expansion of the State Highway mileage, the average daily

traffic per mile of State Highway had dropped significantly to 369. In 1977 daily vehicle miles of travel averaged 32.6 million.

Other interesting road-use statistical data from this early comprehensive-planning preparatory era are given in Table 42 from the 1934 survey report along with a few current extrapolations:

For demographic perspective the population figures are:

AREA	1930	1970	1970 as % of 1930
State	1,854,482	1,923,295	103.7%
Little Rock	81,679	132,483	162.2%
North			
Little Rock	19,418	60,040	309.2%
Fort Smith	31,429	62,802	199.8%
Hot Springs	20,238	35,361	176.0%
Pine Bluff	20,760	57,389	276.4%
West			
Memphis	895	25,892	2983.0%

All cities having 25,000 or more residents in 1970 are listed above.

TABLE 42 1/

Motor vehicle registration, and gasoline consumption in Arkansas with indexes from 1922 to 1934, together with traffic in 1929 and 1934-1935.

Year	REGISTRATION		GASOLINE CONSUMPTION						TRAFFIC	
	Vehicles	Index	Total		Per Vehicle		Per Capita		Vehicles	Index
			Gallons	Index	Gallons	Index	Gallons	Index		
1913	3,583	-----	-----	-----	-----	-----	-----	-----	-----	-----
1914	5,642	-----	-----	-----	-----	-----	-----	-----	-----	-----
1915	8,021	-----	-----	-----	-----	-----	-----	-----	-----	-----
1916	15,000	-----	-----	-----	-----	-----	-----	-----	-----	-----
1917	28,093	-----	-----	-----	-----	-----	-----	-----	-----	-----
1918	41,458	-----	-----	-----	-----	-----	-----	-----	-----	-----
1919	49,450	-----	-----	-----	-----	-----	-----	-----	-----	-----
1920	59,082	-----	-----	-----	-----	-----	-----	-----	-----	-----
1921	67,408	-----	-----	-----	-----	-----	-----	-----	-----	-----
1922	84,596	36.3	21,820,500	16.3	257.94	45.0	12.28	17.0	-----	-----
1923	113,300	48.6	41,813,419	31.3	369.05	64.4	23.40	32.3	-----	-----
1924	141,983	60.9	57,087,281	42.7	402.07	70.1	31.77	43.9	-----	-----
1925	183,589	78.8	73,759,002	55.2	401.76	70.1	40.82	56.4	-----	-----
1926	209,419	89.8	89,632,594	67.1	428.01	74.7	49.33	68.2	-----	-----
1927	206,568	88.6	94,345,820	70.6	456.73	79.7	51.64	71.4	-----	-----
1928	214,931	92.2	106,147,481	79.4	493.87	86.2	57.78	79.9	-----	-----
1929	233,128	100.0	133,620,566	100.0	573.16	100.0	72.34	100.0	84,787	100.0
1930	220,204	94.5	128,545,469	96.2	583.76	101.8	69.22	95.7	-----	-----
1931	180,731	77.5	110,579,175	82.8	611.84	106.7	59.39	82.1	-----	-----
1932	136,583	58.6	86,082,940	64.4	630.26	110.0	46.11	63.7	-----	-----
1933	188,242	80.7	114,791,930	85.9	609.81	106.4	61.32	84.8	-----	-----
1934*	198,091	85.0	119,680,000*	89.6	604.17	105.4	63.80	88.2	86,764	102.3

*Amount of gasoline used by motor vehicles as estimated by the state — Gross gallons taxed 129,529,440. Net gallons taxed 125,576,140.

†First gasoline tax levied in 1922; diesel in 1941.

1/Modified without substantive change.

1977 1,440,671 617.97 1,449,332,365 1084.66 1006.01 175.52 753.57 1041.71

NOTE: The traffic data shown for 1929 and 1934 is simply the sum of the ATDs for the 145 sampling station. No comparable current data is available.

Discussion of early comprehensive planning efforts and the 1934-35 Traffic Survey will be continued in the next issue.

Letters

December 1, 1978

November 24, 1978

Arkansas Highway & Transportation Dept.
Survey Division
Little Rock, Arkansas

Gentlemen:

This letter is a commendation to your department for the kindness extended to Judith Benson and me by your employee, Neal Magee, Thursday, November 16, 1978 about 5:30 p.m. on Highway 167, 20 miles north of Fordyce.

We were enroute to El Dorado. It was raining and night was falling when my car decided to stop.

Mr. Magee stopped to lend us assistance. Mr. Magee not only drove to Fordyce to get a mechanic but also followed the mechanic back to our location. Then, when the mechanic got his own pickup stuck, Mr. Magee carried the mechanic back to Fordyce to get his wrecker.

It was getting darker and darker — the rain was falling harder and the time was growing late.

We thanked Mr. Magee for his helpfulness but felt your department should know and be commended for the type of employee you have whose concern extends to his fellow man in giving aid and assistance through the generosity of his heart.

Thank you for your employee, Neal Magee.

Sincerely,
Mrs. Walterine V. Foster
El Dorado, Arkansas

December 2, 1978

Arkansas Highway Department
District 6
Little Rock, Arkansas

Gentlemen:

It is really nice to stop at your clean and nice rest stops. When you are traveling, you really do need to stop once in a while. The restrooms were clean and the grounds well kept. The picnic tables afforded us a nice rest, a sandwich and a cold drink and we were on our way refreshed.

Thanks very much,
D.W. and Ella Sheffy
San Angelo, Texas

Editor's Note: This letter concerns the White River Rest Area in Prairie County of District Six.

Mr. Bill Cooper
Deputy Director and Chief Engineer
Arkansas Highway & Transportation Dept.
Little Rock, Arkansas

Dear Mr. Cooper:

On behalf of the business community of Mountain View and myself, as a business man, we would like to sincerely thank the Arkansas Highway & Transportation Department for an outstanding job during the past two winters, keeping our mountainous highways open.

Local maintenance crews have worked extremely long hours against unbelievable weather forces and hilly terrain.

All too often people tend to take outstanding work such as this for granted. We do not!

Sincerely,
Jim Hinkle, President
The Chamber of Commerce
Mountain View, Arkansas

January 12, 1978

Arkansas Highway Department
Attn: Cletus Whitson
Ozark, Arkansas 72949

Dear Mr. Whitson:

I am writing to express my deep appreciation for the fine service which you have given in the care of Route 219 South during the past snowy and icy period. In order to reach Citadel Bible College, Route 219 going up Manitou Mountain is the main way of travel and despite its steepness it is the best way in snowy and icy weather. The back approach over the mountain is over dirt roads and also has some very steep places. Your care of Route 219 with plowing and cindering has been a great help to us. This route is the one traveled by many students and also our source for supplies and other needs, which continue even during inclement weather. The care of this road has been excellent this year as it has been in previous years.

We deeply appreciate your consideration in caring for us so well. Again, thank you for your very fine service.

Sincerely,
Paul Brownback, President
Citadel Bible College
Ozark, Arkansas

Editor's Note: Cletus Whitson is the Area Foreman for Franklin County in District Nine.

January 24, 1979

Arkansas Highway Department
Berryville, Arkansas

Gentlemen:

We residents of western Carroll County want to thank and commend the employees of the Arkansas Highway Department for their excellent work in keeping U.S. Highway 62 open and in usable condition throughout the recent severe weather conditions. They have done a fine job under extraordinary circumstances and their efforts are sincerely appreciated by all residents of this area.

Mr. & Mrs. F.E. Hardcastle
Mr. & Mrs. C.H. Martin
Mr. & Mrs. Homer S. Shimp
Mr. & Mrs. Earnest L. Huffman
Mr. & Mrs. Walter R. Schmidt
Mr. & Mrs. Norman C. Meyer
Mr. & Mrs. E.B. Brewster
Busch, Arkansas

January 27, 1979

Mr. Curtis Pangle, District 9 Engineer
Arkansas Highway & Transportation Department
Harrison, Arkansas

Dear Mr. Pangle:

Again we wish to commend Mr. Connis Ingram, AHTD foreman of Baxter County and his crew of employees. For the last month those men have worked around the clock moving snow and ice from our State Highways in order that travel could move. Many times during the night we would either see or hear them maintaining our Highway 178. Come daylight and they were still on the job. No telling just how many miles they had covered elsewhere during the night time hours. Their hours were long and we would guess that their hours of sleep and rest were FEW.

They are a dedicated group of workers and certainly deserve a lot of credit. The two of us thank each and everyone of them and do trust that other residents of this county take the time to express their gratitude.

As the freezing rain and snow again started falling just last evening. . .well, here they came with the snow plows and the machine spreading the chips, salt and calcium chloride mixture. As we observe the roads after this mixture has been spread, we think it works great, because as the traffic begins to move it goes to work and soon the blacktop begins to show through.

The Christmas party was indeed an outstanding event. It was good to see old AHD acquaintances who had retired and those of you who were 'still on the job' It also was a heartwarming experience to see a quite capable and lovely Commissioner, Patsy Thomasson make the awards.

The Harrison Headquarters was a good place to meet as when it was being held at Dogpatch and at night this was just a little too far for us to attend. Also, the noon hour was we think the reason so many were in attendance. Must also include the girls who prepared and served the refreshments. They are a great group. The refreshments were delicious and the two of us enjoyed every minute we were there.

Sincerely,
Check and Doris Studdard
Mountain Home, Arkansas

February 5, 1979

Mr. Danny Flowers
District 6 Engineer
Arkansas Highway & Transportation Department
Little Rock, Arkansas 72203

Dear Danny :

I wish to extend to you my congratulations on the magnificent job you and your crews did during the recent snow and ice storms. I think that the manner in which you cleared the roads was nothing short of a miracle.

I simply wanted to recognize your work in this area, and this is not to say certainly that other areas are lacking, but this was a terrific problem and you did a terrific job with it.

Again my congratulations on a job well done.

Yours very truly,
Chris-T Emulsion Company
George B. Thweatt, President

Editor's Note: The following letter appeared in the Lincoln Leader on January 17, 1979.

Dear Soapbox :

I would like to use this vehicle for expressing my appreciation to the personnel of the Arkansas Highway and Transportation Department maintenance division located in Lincoln for the efforts they make to keep Highway 62 passable during adverse weather we will have the next two months.

Those of us who use Highway 62 at odd-ball hours know these people don't work a 9 to 5 shift during weather like we have had lately.

I know they are paid to do the work - by us the taxpayers. I know some pool-hall wits may criticize them at other times of the year. I also know most of them would prefer to be home with their families on some of the Saturdays, Sundays, holidays and evenings when someone is needed to clear the highways. I don't pretend to be the voice for any constituency. I speak only for myself. However, I expect a lot of people who travel Highway 62 feel the same way I do.

You may use my name so it will be apparent I am neither a Highway Department employee, nor the mother, father, sister or brother of one.

December 8, 1978

Boyce R. Davis
Lincoln, Arkansas

Arkansas Highway Department
Mr. M.C. Peevy, District 4 Engineer
Ft. Smith, Arkansas

Dear Mr. Peevy:

February 8, 1979

We would like to take this opportunity to thank you and the men in your department for their prompt action in getting cinders out on the bridges and hills between Hackett and Fort Smith this morning.

Arkansas State Highway Department
District 6 Headquarters
9500 New Benton Highway
Little Rock, Arkansas, 72209

We left our house a few minutes after 7 a.m. and they had already been out which made our trip in much safer and we wanted you to know we really appreciate this kind of service.

Gentlemen:

Sincerely yours,
Geraldine and Roy Smith
Hackett, Arkansas

My husband and I wish to express our sincere appreciation and thanks to you for the outstanding performance in clearing the highways, bridges, roads, etc., during the recent bad weather.

January 24, 1979

Please convey our thanks and appreciation to the many employees who worked so hard for us motorists. Their jobs were not easy, pleasant, or rewarding; yet their sense of responsibility to their job and the people of Arkansas were shown by the long, hard hours of work they put forth in the salting and grading operations.

Chief Roy Johnson
Weight Division
Arkansas Highway & Transportation Department

Again, our thanks and appreciation for the jobs well done.

Dear Chief Johnson:

Sincerely,
Mr. & Mrs. Richard Haynie
Benton, Arkansas

On the night of January 2nd, the Disabled American Veterans and the Auxiliary met for our monthly meeting. At which, we had a member by the name of Orell Walden, to suddenly have a heart attack. We gave her the first aid we could and she seemed to respond to it. She said that if she could get to her medicine at her home in Huttig, Arkansas; she would be okay. I started out with her in the car and her husband rode with Commander Gearold Boyd in his car behind us. Her breathing was not getting any worse but was no better, so I got on the C.B. radio in the car and asked one of the bases to call for clearance to Huttig. After the base came back, two of your officers, Gaylon Russell and Francis Lee Lewis came on the C.B. with me. They then caught up with me and gave me an escort to Huttig. When we arrived at their home, we gave her the medicine she needed hoping that this was the answer. Russell and Lewis left but in about ten minutes I asked a base in Strong to get in touch with them again by the handle Russell had given me. At that time, they returned and stayed with us for awhile, later, bringing her back to El Dorado to the emergency room. They were concerned enough to stay until we found out what condition she was in. She stayed two days and was released to go home. Since that time they have been in contact with me three or four times to see how she was. I am sorry to report Mrs. Walden passed away on January 19, 1979. But I felt that this report should be forwarded on to you.

January 31, 1979

State Highway Department
District Offices
Harrison, Arkansas

Dear Sirs:

I just had a very nice conversation with, I believe he said he was the time-keeper, at the Mountain Home office. I called them to tell them we think they all are doing a very fine job on our roads during this snowy and icy season we're having. My husband travels a great deal, day and night, in our county with his job, and he truly appreciates how prompt and thorough the gravel and snow plow fellas clear the streets.

We live on a very hilly road (342) and there are so many times we are grateful for the "crews" work, so we can get back and forth without worry.

They will never know what it meant for their concern, patience, and what I would call going beyond the call of duty.

Thank you,
Mr. & Mrs. Tony Gadachy
Mountain Home, Arkansas

Respectfully yours,
Judy McKinney, Commander
Unit 47, El Dorado

December 8, 1978

Arkansas Highway Department
Mr. Charles Mitchell, District 3 Engineer
Hope, Arkansas

Dear Mr. Mitchell:

We would like to take this means to express our appreciation to you personally and to the whole department generally for the highway work going on in our community at this time. The Contractors are moving in their equipment and generally getting started on both Highways 246 and 4 and we feel sure it will not be too long before work will begin on the County project that was let at the same time as the others.

I had an occassion to contact one of your men recently, (Roy Wilson) about the concern of a property owner on Highway 246 and I want to tell you that I got the most consideration anyone could get. He was very cooperative and very pleasant about it and that we appreciate. It proves to us that the Department will do about what you told us they would do under the present circumstances.

As you will remember, the Chairman of the Highway Commission came by where you and I were visiting in the hall of the Highway Office in Little Rock and told us that it didn't make since to have a gap in a state road like the one on Highway 4 from Baker's Creek to the Polk County Line and that they planned to let that contract early in 1979. We hope that they will follow through on that so all of Highway 4 will have a hard surface all the way across the State. Your cooperation on that will be appreciated.

If we can help anywhere, call on us.

Thanks,
T.A. Manasco, President
North Howard
Community Council
Umpire, Arkansas

February 8, 1979

Commission James Branyan
State Highway Department
531 Washington Street, SW
Camden, Arkansas 71701

Dear Commissioner Branyan :

From time to time the work of the Arkansas Highway Department probably goes unnoticed by me as I drive back and forth to Little Rock, However, on Wednesday evening last after a harrowing experience in a snowstorm in the District of Columbia, I returned to Arkansas late at night with an extreme deadline on Thursday morning. I want you to know how much of a personal pleasure it was to turn south on 167 and find that the roads had been graded off and that there was still a motor patrol working on the road to move the snow even further for traffic safety. Several years ago in a similar snowstorm, the grading of the highways did not occur and it left the roads

very hazardous. I certainly appreciate this change in policy.

Sincerely your,
Fred H. Smith, President
Warner Brown Hospital
El Dorado, Arkansas

December 5, 1978

Arkansas State Highway Department
Mr. Sam Smith, District 2 Engineer
Pine Bluff, Arkansas

Dear Mr. Smith:

The Watson Chapel School Board met in regular session last night and during the meeting authorized me to write this letter of appreciation to the men working for your department on the Sulphur Springs Highway project next to our campus. I cannot say enough about how cooperative and helpful everyone was to minimize disruption to the school and our patrons. There was a few trying times but that has to be expected when you are dealing with a highway that busy and have no real good alternate routing for the traffic.

Mr. Albritton and his people were extremely considerate in trying not to interfere with our bus routing or timing and this was certainly helpful to us. They also did a good job of leaving the area at least in as good a shape as they found it and certainly with a better highway to handle the volume of traffic that uses it.

We do appreciate your department, your people, and we plan to enjoy the highways for years to come. Thank you for a job well done!

Sincerely yours,
Jack Robey, Superintendent
Watson Chapel Schools

Retirements

NOVEMBER

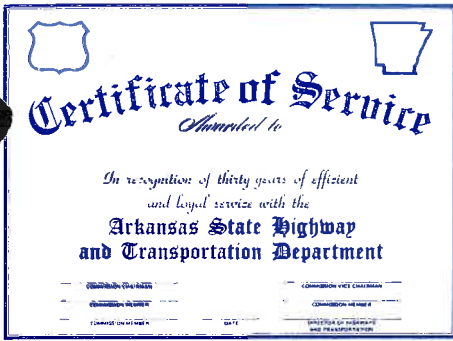
Earl H. Rackley District 4
Robert C. Evans Right-of-Way

DECEMBER

Robert L. PinsonWeights
Norman L. Salmon District 9
George E. Karnes District 2

JANUARY

Charles J. Clifton Traffic
James R. Evans District 5



JANUARY

30 Years
 Charles S. Hopper District 10

20 Years
 Jack Coleman District 4
 Joe W. Lovell P&R
 J.C. Merritt, Jr. R-O-W
 Homer L. Wilson District 7

15 Years
 Alice Jo Dong Bridge Design
 Clovis A. Horn District 3
 Elmore J. Taylor District 9

30 Years
 Daniel A. Morris District 1

25 Years
 Lowell E. Hardaway District 7
 Albert H. Mason District 1
 Nolan E. Williams District 1

20 Years
 Frankie D. Dull District 3
 Thomas B. Keys Legal
 Percy D. Morton District 7
 Kenneth F. Tyler District 2

15 Years
 George E. Reed District 3

10 Years
 Meribeth W. Adney P&R
 Ralph J. Blackwell Construction
 Cleatus B. Blake Weights
 Jackie N. Cunningham District 9 - HF
 Jimmy L. Fooks Chief Engineer
 Bill Herrington District 2
 Donald E. Hill District 8
 Ronald P. Jones District 8
 Jack G. Kerr Construction - OD
 Billy J. McMullen District 9
 Wendell P. Murry District 3
 Delbert H. Pierce District 1
 William M. Sanders District 7
 Dual R. Schales Radio
 Jack Wallace District 7

5 Years
 Joe C. Ashcraft District 2
 Eltis B. Baker District 9
 Curtis L. Burns District 10
 Donald G. Clearley District 3
 Donald K. Davis District 1
 Gaylord C. Evans District 7
 Stephen L. Foster District 3
 Rickie G. Hogue District 2
 Phillip L. Huett District 9 - HF
 Earl G. McMahan District 7
 James R. Patton District 9
 Larry D. Shelton District 9
 Larry G. Wilkins District 6
 Frank B. Wilkinson District 4

DECEMBER

25 Years
 Arthur P. Cole District 10
 Melvie J. Reding District 5
 Robert A. Skinner District 3
 Earnie B. Waldrep District 1

20 Years
 Althea M. Campbell District 7
 Jim F. Carter District 2
 J. Wilbert Chapman P&R
 James C. Gipson District 8
 Johnie Stephens District 6

15 Years
 F.E. Cagle Building & Grounds

10 Years
 Carmet L. Crites District 8
 Frank Duran District 10
 Euel G. Holloway District 4
 James E. Reed Weights
 Owen L. Brewer District 1
 James A. Cole District 6
 Shirley A. Huston Accounting
 Jimmie L. McAlister District 1
 William F. Parker District 6
 James W. Thomas Weights
 Conrad E. Voyles Traffic

10 Years
 Luther Brown Weights
 Jimmy P. Clark P&R
 Felix P. Duran District 10
 Harold E. Harrison Radio
 Veron S. Hice District 4
 David A. Hunter Information Services
 Clarence E. Saffel District 3
 Shirley W. Sparrow Traffic
 Bonnie L. Wesson Bridge Design

5 Years
 Gary E. East Weights
 Patricia W. Gee P&R
 Doris R. Griffin P&R
 Billy L. Hamilton District 1
 Thomas L. Harrell Roadway Design
 Harold L. Higgins District 3
 Willard R. Holt R-O-W
 Doyle M. Hughes P&R
 Robert F. McKellar Weights
 Eric C. Phillips P&R
 Frank L. Shepherd District 6
 Murry K. Witcher, Jr. R-O-W

FEBRUARY

35 Years
 William F. Perryman District 9 - HF

Around The Department



Daphne Baker

DIRECTOR'S OFFICE

Thursday, February 8, 1979, was the last day for Daphne Baker, Mr. Gray's secretary, who resigned the Highway and Transportation Department, to take employment elsewhere.

Daphne was presented with a beautiful, brown attache case by all of the girls on the 10th floor. Daphne will be missed by all and we wish her the best of luck on her new adventure.

ACCOUNTING

By Joanne Potts

Business is booming in Accounting Division in the baby department. Vickie Martin and her husband Pat, who works in Computer Services have a fine baby boy born September 28, 1978. Shawn Michael weighed 7 pounds and 12 ounces. We might also add that Shawn's grandmother, Bennie Robbins is also employed with the Department in Roadway Design. Deana and Eddie

Keathley are the proud parents of a baby boy. Mitchell Shane was born on November 16, 1978 and weighed 8 pounds and 8½ ounces. On October 9, 1978, 5 pound, 15½ ounce, Brad Christopher was born to Dale and Sherry McGinley. Sherry is now a full time housewife and mother. We wish her well in her new career.

Now for the proud employed grandparents here in Accounting. Pat Koonce has her first grandson to spoil, Tucker Doyel O'neal born on October 11, 1978. Pat's a little upset though, her daughter Janice and her husband Doyel moved Pat's new grandson to Mt. Ida, Arkansas.

Well this is No. 3 for Clara Alexander. Charlie and Mary Alexander have a new baby girl, her name is Amanda Kaye. She was born November 26, 1978 and weighed 8 pounds, ½ ounce. To end this report on new babies, we're happy to report we have two more babies in the making, Brenda and Joey Ragsdale will become parents sometime in August and last but not least Teresa and Mike Harris

are expecting their first child in August. Mike is also employed by the Highway Department in the Environmental Division. Congratulations to all of these future parents.

Mr. J.E. McCarthy, Pat Koonce, Brenda Mayton, Mike Eden, Irene Hawkins and Joanne Potts attended the Christmas Party given by the employees at District Two. We want to extend our thanks to them for a great time.

There were a few people to do a little traveling over the holidays. Clara Alexander flew to New York to see her son Charlie Alexander, his wife Mary and their two children, Jessie and Amanda. Charlie is a former employee of the Highway Department. He is now employed by the State University of New York in Stony Brook. Cindy Talley, her parents, and sister Tahnya visited a few friends and relatives in Lawton, Oklahoma. Bonnie Hill, her husband Bob, and son Glenn visited relatives in Inianola, Iowa.

COMPUTER SERVICES

By The Staff

In October, Rita Hardcastle and Barbara Smith received honors for 10 years of service with the Highway and Transportation Department. The presentations were made by Art Johnson.



Hardcastle



Smith

In November, Jim Stringer and Anne Minor received special recognition for their years of service with the Department. The cake shown in the picture shows Anne Minor 10 years (really should be 15 years) and Jim Stringer 20 years with the Highways and Transportation Department. Cake and punch were served in Keypunch Section and Jim Tucker make the presentations.



Anne Minor and Jim Stringer

To commemorate Christmas, Computer Services employees got together for lunch at Paul's Restaurant. Again, Art Johnson set the mood with a short talk, good food, good company and a really nice day.

In January, Larry Allen, Computer Services Coordinator, attended a 5-day training course entitled "3770 Program Coding", sponsored by IBM in Arlington, Virginia.

Our Chief, Jim Tucker, left the Department on February 2 for a position with McDonnell-Douglas in St. Louis. Our best wishes to Jim in his new post.



ENVIRONMENTAL

By Elaine Sullivan

Hunting season is just another holiday for the gentlemen in Environmental. You hear them talk about it and you can see it in their eyes. You can expect a kill out of Gary Bulloch, he got his limit of ducks the first two days of the duck hunt, and also got two 3 point bucks, Tuesday of the first deer hunt. Jim Gaither killed a deer in Dallas County - it was small (it did not have spots like Bambi), and Bill Richardson killed a 6 point buck. Steve Wilson, hunting on the White Rock Management Area near Cass, killed two 7-point bucks with his new .45 caliber muzzle loader. Steve and his camp killed 7 bucks and 3 does during the muzzle loading season. Rick Boyd killed a 4 point buck, Rick also loves to quail hunt. The other gentlemen' did not kill anything but time, but I understand that was fun.



Gary Bulloch



Steve Wilson

This must have been the year for Christmas, everybody that I have talked to had a splendid holiday. We had an office party and people gave gifts that had not given before, and we had more food than we could digest. I did not discuss New Years' resolutions with anybody. Most of us are on a holiday diet, we are trying to lose Thanksgiving, Christmas and New Years weight gain.



Bryan Davis

Mike Harris deserves a congratulations, his wife Teresa, who works in Accounting, is going to have a baby in August.

I want to say Happy Birthday to Doug Thacker (January 9) and myself (Elaine) January 8). Environmental Division hopes you had a pleasing holiday and you are having a prosperous New Year.

INFORMATION SERVICES

By The Staff

Information Services and the Arkansas State Highway and Transportation Department lost a good friend in January when Louie Greene, staff photographer, resigned after five years of loyal service. Louie, a native of Elizabethton, Tennessee, returned home to take a job with a local bank.

Louie will be missed by all of us and we wish him the best of luck in his new adventure.

We would like to welcome David Hunter, who transferred to Information Services from Photogrammetry. David's duties in addition to photography will include all the color lab processing.

David and his wife, Linda, have a two year old daughter, Sandy. David enjoys all types of outdoor activities, especially White Water canoeing and nature photography.

On February 12, 1979, David was presented his 10 year service certificate by Bill Looney, Chief of Information Services. The office celebrated David's achievement with coffee and donuts.



David Hunter and Bill Looney

Shayne Michael Gray, six and one-half, is shown on a hunting trip in the Saline River Bottoms. Shayne is the son of Linda and Kermit Gray and the grandson of Johnnie Gray.



Abbe Stanton, daughter of Bill Stanton, celebrated her third birthday on February 25th.



Abbe Stanton

MAIL & SUPPLIES

By The Staff

Retha Griffin was the surprised honoree at a reception January 22 in the Commission Room to celebrate her 20 years with the Highway and Transportation Dept. Gip Robertson, Assistant to the Director, presented Retha with her Certificate, which was very appropriate because they were co-workers in the Right-of-Way Division when Retha first began her employment with the Department on November 10, 1958.

Retha worked in the Right-of-Way Division as the Payroll Clerk until May of 1973 when she was promoted to Supervisor of Mail and Supplies.

A special guest at the Reception was Retha's son, Bob, who is a resident of Little Rock. Her older son, Terry, lives in Florida.



Gip Robertson and Retha Griffin

MAINTENANCE

By Debbie Simpson

Our Christmas luncheon was a big success again this year. Bert and Sue Rownd supplied us with a beautiful spread of smoked turkey, rice dressing and all the trimmings. As always, it was a delicious feast. Mr. Rownd presented Madge Livingston with her 15 year pin and certificate at the luncheon. Congratulations, Madge! I know everyone wants to make sure she has at least another 15 years.



Madge Livingston and Bert Rownd



Mr. Clarence Page of our Radio Section presented George L. Coyle with his 15 year pin and certificate. Mrs. Maureen Page brought a cake and cookies for the occasion.



Ralph Buchanan, Heavy Bridge Maintenance Foreman, tied the knot with Tammie Sue Frazier on December 1, 1978. Tammie is a LPN at the Heber Springs Clinic. They have made their little love nest in Rose Bud, Arkansas on a 40 acre farm.

Don Brown of Heavy Bridge Maintenance, killed a 7 point buck this year. We don't have a picture, but I guess we'll believe him! Jim Tucker knocked down an 8 point buck this year. He has a picture but it's stuck under the glass on his desk so if you don't believe it, you'll just have to come see him.

More exciting news in the Tucker camp was that they ran across a 5'9" timber rattler. (Rumored by all to be the largest ever killed). Tucker hates to have to admit this, but he was not the one responsible for the kill - B.D. Mulhollen, District One Engineer, gets all the credit. But just to show you what a true animal lover B.D. is, he did not want to kill the snake; he wanted to take it home to his staff - ALIVE!

Ann White and her husband and family just moved into a new home recently. She says she really loves it, maybe she'll invite us all over for a look.

Ron Winkler of Roadside Development and his wife Linda are the proud parents of a 7 pound, 14 ounce baby girl. Her name is Amanda Lanea, and she's just beautiful. We don't have a picture, but you can bet that you won't get an argument from that statement.

MATERIALS & TESTS

By The Staff

Congratulations to Terry and Debbie Hardison on the arrival of their little bundle of joy - a baby boy, Kyle Matthew. Kyle arrived November 21 at 6:23 p.m. and weighed 8 pounds and 7 ounces.



Kyle Hardison

M&T employees enjoyed a Christmas Potluck December 22. The food was delicious and everyone had a great time.

Different seasons bring on different activities. It is now hunting season and employees are bringing in nice "deer kills". Among them are Barney Phillips, Wayne Casteel, Jerry Stacks, Bob Gossett and Tom Greenway.



Jim Brewster, Sibyl Maddox, D.M. Greene

Congratulations to Sibyl Maddox, D.M. Greene and Jim Brewster. They were presented their service awards for 15 years with the Highway and Transportation Department. Cake and punch was served. Those receiving 5 year

service awards were Louis Bryant, Howard Bledsoe and Terry Hardison.

Congratulations to Jack Hart, structural steel inspector, on his marriage January 19th to Karen Tyler. Karen works for Timex. Jack is the son of Henry Hart, materials inspector. We wish for Jack and Karen many, many happy years.

PERMITS

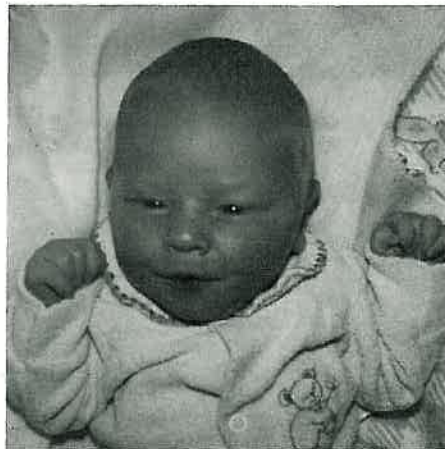
By The Staff

Mr. and Mrs. V.W. 'Buddy' Dumas are the proud grandparents of their first grandson. Charles Richard Statts, Jr., weighed 8 pounds, 9 ounces when he was born November 17, 1978. The happy parents are the Dumas' daughter and son-in-law, Mr. and Mrs. Charles R. Statts of Arlington, Texas. Mrs. Dumas spent a few days with her daughter and family after the baby's arrival and Mr. Dumas joined her later.



Charles Richard Statts, Jr.

Joshua Shane Downie is the new son of Jess and Shirlene Downie. He was born December 29, 1978 and weighed 8 pounds and 4 ounces.



Joshua Shane Downie

Although we did have our annual Christmas party with a potluck and exchange of gifts, our spirit was dampened by the sudden and untimely death of Angela Blackwell's father, "Cactus Vick".

On the day of the death, Mr. Vick had paid us one of his frequent visits, bringing us "home-made Christmas goodies" and was in a very festive mood. We shall all miss him and extend our sympathy to Angela and all of her family.

PHOTOGRAMMETRY

By The Staff

Sue Walls received her 15 year Service Certificate in October and a party was held in her honor. She started in the Planning and Research Division on September 15, 1963 as the Map Sales Clerk and was there until 1970 when Map Sales was transferred to the Records and Reproduction Division. Then, in 1974, she transferred to the Photogrammetry Section as Roger Taylor's secretary. She was a first in Photogrammetry -- the first female and the first secretary for the Section.



Sue Walls

We have acquired two new employees in Photogrammetry for the new year. They are Richard J. Finkle and Salli K. Dees.

Richard and his wife, Roseann, have a four-year-old son, Richard J. Finkle, Jr. (Ricky) and have just recently moved here from Charlotte, North Carolina. Richard was formerly with Car-Dan Mapping Systems and will be working with us as a stereoplottor operator. Richard and his family are looking forward to some of our beautiful spring weather so they can get better acquainted with Arkansas.



Richard Finkle

Salli is working with us as a lab technician in the photo lab. She and her husband, Michael, like to raise horses and Salli is a big rodeo buff. It's about time we got someone in the lab who can keep certain people in line.



Salli Dees

PLANNING AND RESEARCH

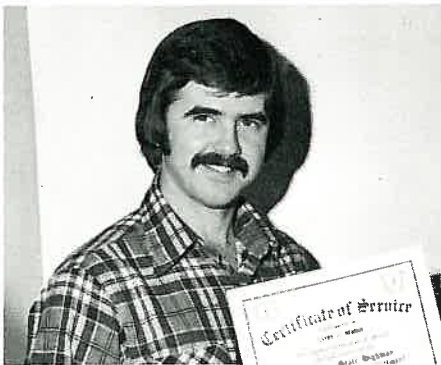
By The Staff

Betsy Morrison and John Hume received service awards in December; Betsy for 30 years and John for 25.

Congratulations to Gay Nichols and Russ Passafiume. Russ recently transferred from Vanderbilt to U.A.L.R. where he is doing graduate work in business and administration. Gay works in Finance and Economics as a statistical assistant. It was a pleasant surprise to find out that Russ was transferring here rather than Gay moving to Nashville. Best wishes to a great couple!

Jon and Judy Robertson are the proud parents of another daughter, Lisa Lynn, born in February 1st. She weighed 7 pounds and 7 ounces and Jon is on Cloud Nine once again. Congratulations!

Larry Newman received his five-year certificate in October. Larry is a graduate of Henderson State University with an Education Degree in Art.



Larry Newman



Joe Lovell and Charles Frazier

Congratulations to Joe Lovell of Mapping who received his 20-year certificate on February 8, 1978. Refreshments were served for the occasion.

Charles Frazier is shown here with a six-point deer that he killed. This is the fourth consecutive year that Charles has killed a deer from the same deer stand.



Charles Frazier

Transportation Planner Jim Sanders of the Public Transportation Section received his five-year service certificate in September, 1978. Congratulations, Jim.



Jim Sanders

Dale Gossien, Assistant Section Head of Statewide Planning, was elected treasurer of the Hi-Noon Toastmasters Club, which was started by Department employees several years ago. Doyle Hughes of Program Planning, is the Hi-Noon Clubs bulletin editor.

Dale Gossien and Jerry Westerman of Research attended the January 1979 meeting of the Transportation Research Board. They attended many interesting meetings concerning transportation issues pertinent to the Department.

Technical Services would like to welcome three new employees:

Our new secretary is Jane Puckett. She, her husband Larry and daughter Ashley live in Little Rock. Her husband recently opened a used car lot on Geyer Springs Road called Auto and Truck Exchange. Good luck on her new job and his new business.

Dan Morgan transferred from Program Planning to Technical Services. He is the Transportation and Planning Coordinator and

is responsible for study direction for the highway performance monitoring system.

Laura DeBro worked in retirement for five months and is now working for Dan Morgan. She has recently learned to play chess and enjoys the strategy of the game. It reminds her of life.

Pam Adams and Mark Edwards were married on November 24, 1978. After a short honeymoon, they now reside in Salem.

Gerald Stachurski, a field man for Technical Services passed his advanced Radio Class Test. According to our sources, Gerald is a noted HAM operator.

Ben Green, Bridge Inspector, explains to Debbie Barclay and Howard Snow of Technical Services, the essentials of Bridge Inspection. Debbie had an opportunity to see what her job is all about. She codes the field information for Structure Inventory and Appraisal Sheets. If anyone needs help inspecting a bridge, just call Debbie!



Bridge Inspection

Larry and Marci Johnson are the proud parents of a new daughter. Kerry Inez was born on November 14, 1978. Congratulations!

Mayo White presented three services awards during the month of December. They were to A.C. "Pete" Mitchell, 10 years; Roy Hughes, 10 years; and Joe Briscoe, 5 years.



Mayo White and Joe Briscoe



Hughes

Mitchell

STATE-AID ROADS

By The Staff

Congratulations to Bill Durham, of State-Aid, who won an FHWA scholarship. Bill has chosen to attend Memphis State University to continue his study to receive a B.S. Degree in Civil Engineering. One requirement of the FHWA Scholarship was that Bill return to some form of highway work, so it is hoped that Bill will return to the Highway and Transportation Department. Bill was honored by his fellow co-workers with an appreciation party at work and he and his wife were given a dinner party that night in their honor. Bill left in August 1978 to attend the Fall semester at MSU and hopefully will return in the summer of 1979.



Bill Durham

RIGHT-OF-WAY

By The Staff

Robin Wells and Mike Ward were married on Saturday, February 3, 1979 at St. Thomas Apostolic Church in Ann Arbor, Michigan. After a wedding trip to Windsor, Canada, the couple returned home to Little Rock.

Robin is employed as a special education teacher and Mike is a staff appraiser in this division. Mike has been with the Department since February 1978. Congratulations to the new couple.



Mrs. Mike Ward

TRAFFIC

By The Staff

Lee Gibbons received his 25 year certificate in October of 1978. The only comment he had on the subject was that he felt like he had worked for the Highway Department all of his life. Congratulations Lee.

SIGN SHOP

Congratulations to Johnny Ensey on his 9 point deer killed in Yell County.



Johnny Ensey

Deann Hogan, daughter of Mrs. Marlene Hogan, won the title of Miss Junior High Oak Grove on December 7, 1978. Deann is an 8th grade student at Oak Grove School, a North Little Rock member of Beta Club, and cheerleader. Her talent for Miss Junior High was a poem she recited that she had written.



Deann Hogan

Congratulations to Ronnie Putman who was married October 28, 1978 to the former Miss Teresa A. Jester in the home of Mr. & Mrs. E.H. Putman, all of Waveland, Arkansas.

Greg Bobbitt of the Center Stripe Crew split winnings for First Place in the Ira Rodeo in Lafayette, Louisiana recently for Bare Back Riding.

DISTRICT ONE

By The Staff

December was a festive month in District One what with the annual Christmas Party as well as a party honoring those-employees with 30, 25 and 20 years of service. On December 2 District One employees and their

families gathered in the shop to enjoy fellowship, music, Santa Claus and most of all an abundant meal! Ham, turkey and dressing, and numerous delicious side dishes were all enjoyed and no one went away hungry. Entertainment was furnished by Jimmy Bryant, of the St. Francis county crew, who played piano during and after dinner, Ralph Carter, Woodruff County crew and two of his friends who played guitar and fiddle after dinner, and Santa Claus who was aptly played by Jurl Wofford. Jurl works on the District-wide concrete crew.

On December 5 at 3:45 p.m. J.E. Burns, Assistant Resident Engineer in West Memphis, and Assistant Resident Engineer Vernon Drennon of West Helena, both with 30 years of loyal and dedicated service to the Highway and Transportation Department, were honored at the District Office. At the same time, B.G. Clayton, Senior Inspector in the Wynne construction office, W.L. "Dub" Moore, crew leader on the sealing crew, E.B. "Earnie" Waldrep, truck driver on the sealing crew, and Jack Lindley, job superintendent of the sealing crew, were recognized for the service of 25 years. Dub, Earnie and Jack started to work all at the same time and have worked their 25 years together on the same crew. Lewis D. Crye, V.N. Parr and C.W. George were recognized for their 20 years of service also. B.D. Mulhollen, District Engineer, presented each honoree and gave a brief resume of their years with the Department. A beautiful cake appropriately decorated was served with punch. Thomas Cook, Fred Tacker, and Harry H. Miller who retired with disabilities, were presented with gifts from their respective crews.



District One Retirees: Fred Tacker, Harry Miller and Thomas Cook.



District One 30 Year Service Awards: Verlon Drennon and J.E. Burns.



District One 25 Year Service Awards: B.G. Clayton, Jack Lindley, Dub Moore and Earnie Waldrep.

We welcome Mary Lee Mann as the new clerk in the stock room, Ann Griffin as the new fuel clerk, and Mahala Burnett as receptionist. Ann and Mahala have been with us a while but never acknowledged, and with the addition of Mary Lee, we still consider we have four old heads and three new heads in the office.

DISTRICT TWO

By Bettye Carter

All of the employees in District Two hope that you shared a beautiful holiday season and wish for you many blessings in the new year. Christmas is a great time for fellowship and District Two had a variety of celebrations. It was a pleasure to be invited to many of them. Shown in the pictures are the employees in Van Bratton's Residency as they enjoyed turkey, ham, deer meat, salads, homemade rolls, cakes, pies and candy. Special guests were retired District Engineer, John S. Harris, Jr., Max Bagwell and daughter from McGehee, Bill Walker, wife Kathy and son Drew, Sam Smith, James Pierce, Billy Faye Gailey and Bettye Carter. Mr. Bratton was presented a gift from his employees along with the handle "Mel" from "Mel's Diner."



Van Bratton's Residency



Van Bratton's Crew

Jefferson County Maintenance crew hosted a fish fry at the area headquarters. The cooks were Jim Allbritton, Joe Hays, Billy Johns, Donald Wilson and Jessie James. We enjoyed fish, hush puppies, french fries and desserts. Also attending were Sam Smith, Brewster Shalmy, C.E. Woodfield, Carole Johns, Ouida Grimes, James Pierce and Sumako Health.



Jefferson County Fish Fry

Max Bagwell and his wife entertained the employees in the construction office at McGehee, in their home. Employees, their families and children, were served everything from Italian Stuffed Chicken to homemade cranberry sauce in a holiday setting complete with a unique tree filled with crocheted snow flakes and santas.



George Karnes and Sam Smith

On November 30, 1978, the resident engineer's office in Monticello, surprised George Karnes with a retirement dinner in his honor. George is the youngest employee of the Highway Department to retire with 35 years of service. He was born at Fayetteville, received his early education in West Fork, Arkansas and completed an I.C.S. Course in Highway Engineering. Working in jobs from Rodman to Resident Engineer, in Districts 2, 3, 4 and 9, he has always been a very loyal and dedicated employee. He is married and has two sons. The dinner was held at Monticello Area Maintenance Headquarters and the employees want to express a very big "Thanks" to Floyd Fullbright and the men who worked so very hard in the clean up and preparation. The Reverend Basil Hicks, pastor at First Presbyterian Church in Monticello, asking the blessing for the event opened the evening. Mr. Sam Smith presented a 'Good-bye' speech and Mr. John S. Harris, Jr. highlighted on some of the past while working with George. A plaque in the shape of the State of Arkansas, made of native maple, com-

memorated Mr. Karnes' years of service to the Department, was presented from Ken Tyler, Assistant District Engineer. Gifts consisting of a lettering set, direct level rod, and gift certificate, were presented from the employees by the Resident Engineer, Leonard Hall. We in District Two wish George the best of luck in his future years.

Food, friends and service awards were highlighted among the Christmas decor at the District Headquarters in December for the annual Christmas party. Everyone was in a festive mood as they enjoyed a feast and entertainment provided by the Pine Bluff Singers under the direction of Marty Sewald. This is a highly recognized group of young people that are experts in their field. Christmas music rang among candles and smiling faces. We always look forward to seeing retirees and families during this season. Special guests were Patsy Thomasson, Highway Commissioner, and various employees from the Central Office in Little Rock. It was our pleasure to show appreciation to these people. Retirees recognized during 1978 were: John C. Hughes, Area Foreman, 25 years; Chennault Dunem, Equipment Operator II, 27 years; and Lester M. Rabb, Job Superintendent, 32 years. Mr. Hughes resides in Dermott and was self-employed prior to coming to work for the Department in 1953. He is married and has a daughter and a son. He enjoys fishing and hunting. Chennault Dunem held several jobs including, laborer, truck driver and motor-grader operator. He is married to the former Myrtle Minchew. Lester Rabb is a native of Monticello in Drew County and a veteran of World War II. He is married and has a daughter and grandson. He keeps busy with his grandson, hunting, and his cattle.



District 2 Service Awards

Distinction for 25 years of service went to: Selma B. Chavis, James Henderson, M.S. "Sam" Smith, III, and Garlon C. Tidwell. Mrs. Chavis began working for the Department in September 1953 and has handled various jobs in the Stockroom and Business Office with the current title of Payroll Clerk. She is married to Van Dyke Chavis and has a son and seven grandchildren. James Henderson was born in Jefferson County and served two years with the U.S. Army before coming to work for the Department in 1953. He is our parts runner and does an excellent job. Ask him about his hunting experiences some time. Garlon C. Tidwell is a Highway Engineer Aide IV in the Construction Office in McGehee. He has worked as rodman and inspector, is married and has three sons and five grandchildren. Before employment with the Department he served in Europe during World War II. M.S. "Sam" Smith, III, District 2 Engineer, was born at Forrest City and graduated from the University of Arkansas at Fayetteville with a degree in Civil Engineering. He is a veteran of World War II and was discharged with the rank of First Lieutenant. He came to Pine Bluff in

May, 1976. Mr. Smith is married and has one son and one daughter, both students at the University of Arkansas.

We wish to express our sympathy to the family of Hilery Smith of Eudora. Mr. Smith died at his home on January 16. He was the father of James Smith, and employee in Chicot County. He was a retired farmer.

E.J. Rabb, of Wilmar, passed away in January after a lengthy illness. He retired from the Department in 1971 after serving as the Superintendent of the Asphalt Plant at Monticello with 28 years of service.

Retiring in 1961, at the age of 68, with 35 years of service, Numa M. Mitchell died recently in Monticello. Mr. Mitchell served for 15 years as the Area Foreman in Drew County. He was 83 years old at the time of his death.

Havis Burton Laminack, former mechanic in District Two died in December after a lengthy illness. Mr. Laminack was a native of Grapevine in Grant County.

Shown in the picture is the son of Bill and Kathy Walker, born June 14, 1978. William Andrew (Drew) Walker weighed 8 pounds and 1 ounce and was 20½ inches long. The proud grandparents are Mr. & Mrs. Frank Poindexter and Mr. & Mrs. Dan Walker. Bill Walker is with the construction office in Pine Bluff. We know Bill and Kathy are proud of their son.



William Andrew Walker

Phillip Hutchinson and Martha Wooley were married on September 17, 1978 in the First Methodist Church at Fayetteville, Ark. The groom is employed in the construction office in McGehee and his father is Frank P. Hutchison of Roadway Design. Martha's parents are Mr. & Mrs. Robert E. Wooley of Hanover, Indiana. The couple are both graduates of the University of Arkansas at Fayetteville. "Marti" says she loves keeping house and likes living in McGehee.



Mr. & Mrs. Phillip Hutchinson

Born to Mr. & Mrs. C.W. Graham on January 14, 1979, was a beautiful baby daughter named Frances Christina Graham. She weighed 7 pounds at birth. Her father, Waymon, is an employee with the Ashley County Maintenance Crew.



Frances Graham

Brewster M. Shalmy, 64, District Maintenance Superintendent in Pine Bluff, retired from the Arkansas Highway and Transportation Department on January 12, 1979 with 42½ years of service. Mr. Shalmy, who has been employed by the Department longer than any other current employee, will retire among the top five with the highest number of years of service.



Brewster Shalmy and Lawrence Blackwell



Pat Sullivan

Born in Pine Bluff, Mr. Shalmy is a life-long resident of Arkansas. His first job with the Department was as a laborer at Lake Village in 1935. He became Chicot County Foreman in 1937 and held numerous other supervisory

positions before being promoted to Maintenance Superintendent in 1955. He has also served as Chairman of the Heavy Maintenance Standards Committee. He is a member of Lakeside Methodist Church and is a Mason and Shriner.

He is married to Nancy 'Sunny' DeFir Shalmy and they have three sons, Mike, of Scotia, New York; Pat, of Las Vegas, Nevada and John, of Pine Bluff, and five grandchildren.

He was honored at an open house at the District Two Headquarters on Highway 65 South of Pine Bluff on his last day. Local officials and friends in the eight-county district were invited to attend. Around 200 guests enjoyed the afternoon in the elegant surroundings. The decor was highlighted with red table cloths and silver appointments. Candlelight and an array of fabulous food gave the event an enjoyable atmosphere. Special guests were his son, John Thomas, and daughter-in-law Doloris, and grandson John.



Rives, Shalmy, Harris and Jeter

The semi-annual meeting of the Maintenance Standards Committee met at the District Headquarters January 11 and 12. Maintenance Superintendents from all the Districts, District Engineers Coy Campbell, Dan Flowers, Charles Mitchell and Sam Smith along with Bert Rownd, Pat Sullivan, Lawrence Fletcher and Jim Tucker from the Maintenance Central Office attended the meeting. Discussion included maintenance performance and updating maintenance standards. Speakers were Pat Sullivan and Doug Neilson. A tour of the International Paper Mill guided by Public Relations Officer John Klingner was the main attraction. The meeting concluded with the open house and farewell for Brewster Shalmy.



Mr. C.E. Woodfield has been promoted to fill the vacancy of Brewster Shalmy as Maintenance Superintendent for District Two. Better known as "Peanut", he has worked in the construction division, served for 13 years as the District Permit Officer and for the past 5½ years as the Assistant Maintenance Superintendent in District Two. A native of Pine Bluff, he and his wife, Jerri have two married daughters and two grandchildren. We

are very proud of Mr. Woodfield and wish him much success in his new position.



C.E. Woodfield

K.F. Tyler has resigned as Assistant District Engineer to accept a new position as County Engineer for Park County, Wyoming. Mr. Tyler has served as District Two's Assistant District Engineer since he was promoted in 1973. Before that time he was the Resident Engineer in Pine Bluff transferring here from McGehee, where he was in charge of Major Bridge Projects as the Resident Engineer there. Mr. Tyler began work with the Department in February 1959 as an instrument man in Benton, Ark. All of the employees in District Two have enjoyed their association with Ken and have many fond memories from knowing him. He has always been an understanding person and a pleasure to work with. We know that the Tyler family will be very happy in their new home in Cody and want them to know they will be missed and not to forget us.



Ken Tyler

Leonard Hall, Resident Engineer at Monticello, has recently been transferred to the Ralph Jones' Residency in Little Rock. Leonard will be replacing Mr. Jones, who is retiring. This office is assigned to the East Belt Freeway. The Hall family is familiar to the Little Rock area as they lived there before coming to District Two a year and a half ago, having been in Little Rock for 5 years. It's been a pleasure having Leonard in District Two and we hope he and his family will come back to visit with us after they leave.

DISTRICT THREE

By Vinie Holt

Congratulations to the following on their years of service with the Department. Tom Hubbard, D.E. Smith, G.D. Royston, Jr., T.E. Priest, and Helen Kidd for 10 years. Doug Waters, Wayne Dull, and W.T. Smith for 15 years and W.M. Ayers for 5 years.

Pictured is Dale Spencer presenting Wayne Dull of the Nashville Residency with his 15 year service certificate.



Dale Spencer and Wayne Dull

Larry Myers and Danny McWilliams of the Texarkana Residency are proud to show off their catch of frogs. They gigger this bunch of frogs in October on First Old River.



Larry Myers and Danny McWilliams

Pictured is Brandon Rene' Malardier, first child of Paul and Gail Malardier. Brandon was born November 30, 1978 weighing 8 pounds and 5 ounces. Paul works in our District Sign Crew. Congratulations to both of you, he is a doll. Proud Grandpa of Brandon is Pierre Malardier who works in our District Wide Construction Crew.



Brandon Malardier

Hope High School senior Dale Adams was recently elected in the statewide General Cooperative Education Clubs of Arkansas as the State Sergeant at Arms to serve for the 78-79 school year. Adams, who was elected by the Hope High School students in the General Cooperative Education Club to represent them in the competition in Jacksonville on November 14, 1978, was among the seven delegates from Hope to enter the campaign for State Officers. In the statewide campaign, there were 60 delegates and eight in the division for Sergeant at Arms. Dale was required to give a platform

speech to the 400 people present before the general election. With this newly acquired position, Dale will be keeping order in the upcoming state convention in April and will be responsible for the decoration of the capital halls where the convention will be held. The theme of the convention will focus on incentive programs for the GCE Clubs. Dale's other school activities include being a member of the Agricultural Club, FFA, and the Optimist Club. He plays alto saxophone in the school band. Among his favorite hobbies are hunting, fishing, skiing, weight lifting and arm wrestling.

Dale is the son of Thomas and Vernita Adams. Thomas is our District Equipment Supervisor.



Dale Adams

Also pictured we have Cody and Clint Martin, sons of Glendon and Susan Martin. Cody is 4-years old and Clint is 4-months old. Susan is our District Payroll Clerk.



Cody and Clint Martin

We had our Annual Christmas Dinner on December 21, 1978 at Hope's Fair Park Coliseum. About 150 employees and spouses attended. After dinner we played Bingo and heard a revised version of 'Twas the Night Before Christmas. Everyone seemed to enjoy themselves and several went home with some nice gifts for playing Bingo.

The next day the District Office employees and the Shop employees enjoyed a delicious lunch from the leftovers of the Christmas Party.

Kim and Danna Cearley are the granddaughters of Don Cearley. Kim is 3 years old and Danna is 4 months old. Their parents are David and Diane Cearley. Don is a carpenter in our District Wide Bridge Crew.



Kim and Danna Cearley

HOPE RESIDENCY

By Kathy Clark

We have lots of good news from this office - we have four new Highway Engineering Aide I's.



(Left to right) Hastings, Gaines, Roberts and Poindexter.

James Hastings has already proven to be a real asset to this office. He received a degree in commercial art from Southwest Technological Institute in Camden, after which he went to Germany to work for an audio-photo club. James hopes to further use his artistic talents by becoming a draftsman for the Highway Department. Talents such as his are rare, and we are glad he's willing to share them with us.

Roland Gaines moved here from Houston, Texas, after graduating from high school. Roland has several relatives here, so Hope is really a second home for him. Roland is a musician by heart, and we're not sure he even knows how many musical instruments he can play. I am sure, however, that Roland's ability to understand engineering terms will always be beneficial to us.

Kenny Roberts is from Kilgore, Texas. He lived here for awhile before joining the Air Force. Since that time, Kenny has done a lot of survey work for construction firms. His hobbies include fishing, hunting and riding antique motorcycles.

Harold Poindexter is well-versed on drag-

racing. He is presently working on building a dragster, which he hopes to run next summer. The word is out that all questions concerning cars should be directed to Harold, as he seems to have lots of experience in that field.

We want to take this opportunity to welcome all of these men to this office. They all seem to be very good workers, and we feel lucky that they chose to work for us.

DISTRICT FOUR

By Kim McDowell

Santa Claus took time out from his busy activities at the North Pole to drop in to the District Four Annual Christmas Party. The children and some adults were delighted. Calvin Peevy and Glen (Doc) Stewart couldn't let Santa get away without telling him what they wanted. Approximately 250 people attended the party and a great time was had by all.



Commissioner Ross Pendergraft attended the party and presented Glen (Doc) Stewart with a 25 year Certificate of Service.

Several hunters in the District have had good luck. Ed Slaughterback in Jack Coleman's Residency took his muzzle loader and went to the woods and got a 10 point buck.



Mark Williams in the Sebastian County Crew (Greenwood) got two good shots with his bow. The buck was shot at 31½ steps and the doe was shot at 12 steps. Good shooting Mark!



Mark Williams

Jim Smith also in the Sebastian Crew (Fort Smith) shot a 10 pound goose with a wing span of 60".



Jim Smith

A 10 year Certificate of Service was presented to Cornelious Peters by Bud Hodnett. "Pete" is the Sign Crew leader.



Cornelious "Pete" Peters

The Springdale Crew had a Christmas Party at the Springdale Yard on December 22. Everyone enjoyed visiting and had a good time. The retirees who attended were: Melvin Montgomery, Frank Baker, Mr. & Mrs. John Box, Mr. & Mrs. A.L. Huntley, Mr. & Mrs. C.E. Trammel and several guests from District Nine were also present.

DISTRICT FIVE

By Karen Allgood

The annual District Five Christmas Party was held on December 15, 1978, at 6:30 p.m., at the District office. The employees, families, and invited guests enjoyed the good food and fellowship with each other. The children got a surprise when Santa Claus stopped by to visit and pass out goodies. (No Christmas party would be complete without a visit from good old Saint Nick!) The entertainment was presented by our own Ronald Satterwhite and his fiddle. Ronald is assistant to John Ed Smith, Jr., Resident Engineer. Two of his students accompanied him on the banjo and guitar.

Our other entertainment was the Bald Knob High School Stage Band. Marsha Steward, daughter of White County Area Foreman, Gene Steward, is a member of the band.

Our appreciation to Ronald and Marsha. We all enjoyed the fine entertainment.

Mr. Bill Looney, Public Information Officer, presented the employees their Service Awards. Congratulations to each of you that received awards.

We would like to welcome Karen Allgood to the John Ed Smith residency as a full time employee. She has been with the Department since May, but only with us since August. Karen and her husband, David, are newlyweds and live in Batesville. Karen is an asset to our office, and we hope she will like working with us.

Steve Hampton, office technician for Harold Beaver, Resident Engineer, is with us once again. Steve has been on military leave for approximately four months. Welcome back, Steve.

The hunters have been busy again. Several of the men went deer hunting. Bill Luster went to Colorado this past fall for a week of elk hunting. It must have been successful from the pictures he brought back. Sam Turner went on his annual turkey hunting trip, and as usual, he was the only turkey that came back! (Just joking, Sam.)

S. L. SWINK RESIDENCY

By The Staff

This office enjoyed the annual Christmas Party on December 22nd. The guest list included five of our retirees. So, along with the present employees, about 30 people enjoyed a noontime meal of baked ham, potato salad, baked beans, and all the other "fixins" including cake and ice cream for dessert. Everyone agreed unanimously that Tom Huie did an excellent job of organizing the day.

Susan Bolding, daughter of Mr. and Mrs. Wayne Bolding, made the dean's list at Harding College for the fall semester, with a 3.33 grade point average. She is a sophomore, while her sister, Lisa, is a freshman at Harding.

Mr. and Mrs. Leroy Swink are the proud parents of a baby girl, Connie, born July 29, 1978. Can you imagine Gary Williams in District Two thinking Mr. Swink was old enough to have grandchildren?!

Speaking of grandchildren, Mr. and Mrs. Vernon Roberson have a fifth grandchild, born on December 15th. This is their first granddaughter, so they have really been excited.



District Five Service Awards: Left to Right: Bill Looney, Public Information Officer, W.O. Schales, District Bridge Superintendent, 25 years; John Ed Smith, Resident Engineer, 25 years; Lorene Pickens, Stockroom Supervisor, 35 years; M.J. Reding, Equipment Operator, 25 years; C.L. Bradberry, Maintenance Superintendent, 25 years; C.E. Pectol, Highway Sign Man, 25 years and J.R. Chaney, District Engineer.



Connie Swink



Jennifer Marie Roberson

Mr. and Mrs. Gary Smith also have a new daughter, Khara, born January 5th. Khara weighed 9 pounds and 2 ounces!

DISTRICT SIX

By Laura Malat

Our District Six Christmas Party was held at the District on December 15th. It was a great success. The turn out was terrific. We wish to thank all of our employees and their families and all guests who came out and made the party a success.

One of the high points of the party was the entrance of Santa and his two helpers, Mickey Mouse and Minnie Mouse. The kids were as delighted with Santa, Mickey and Minnie as they were with the bags of candy that Santa handed out. Bert Rownd, State Maintenance Engineer, was particularly fond of Minnie Mouse. He also got a chance to sit on Santa's knee.

We were also entertained with "pickin' and singing" and square dancing as well as our own resident duck caller. Commissioner Thomasson and Assistant to the Director, Gip Robertson, made some very appropriate remarks and presented Service Awards.

I think everyone enjoyed themselves.

Of course, the big attraction at any party is the food and our ladies out-did themselves. The variety of dishes and desserts we had were unbelievable. The District supplied the ham, turkey, bread and drinks; but the different dishes provided by the members of our area crews and resident offices and their wives made the crowning touch.



Hurley Perkins and Gayle Gunn

We would like to congratulate Roosevelt Franklin who retired on January 31, 1979. Roosevelt was employed by the Department in April of 1959. He is married and has nine children. His wife, Cleo, works in her home doing child care. Roosevelt has always been a hard and willing worker. Those of us at District Six who have worked with him consider it a privilege to have been acquainted with him.



Hurley Perkins and Roosevelt Franklin

Construction is still in progress on our District Headquarters. Although there is still much to be done, many of the improvements are already in evidence. By the time the next magazine is issued we will hopefully be able to provide a picture of the completed project.

I have no fishing or hunting story to close the article. I think the main reason is that our people have been so busy clearing the ice off the highways they haven't had a chance to do any hunting or fishing.

RALPH B. JONES RESIDENCY

Ralph Jones Residency in District Six has a proud game hunter among their ranks.

On October 27, Willie Whitmire brought down a 10 point, 272 pound buck using a handmade, .45 caliber Kentucky Rifle muzzle loader. He found his trophy buck in the White River Refuge. Congratulations, Willie!



BOB CORNISH RESIDENCY

By The Staff

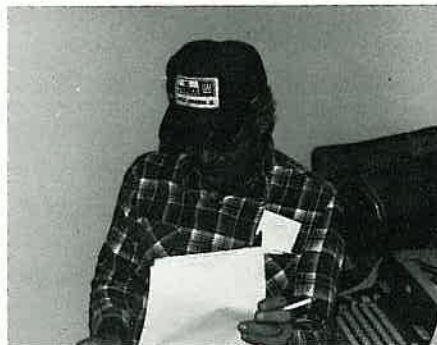
The winter months brought much confusion to Bobby Cornish's office. The survey men were in the office, and with the help of nine inches of snow, we acquired a new employee.



Pictured are Bill Pierce (right) and Danny Manning, and the seasonal employee (center) was dubbed "Crazy Bob", in remembrance of a former employee. While the men were spending their lunch hour coming up with the new employee, the secretary, Barbara Mize, took a few seconds from her work to smile for Bill's camera. Barbara, who is single, has two daughters: Debbie 19 and Angie 17.



Russell Owen who transferred from the District 6 office to Bobby Cornish's office in January 1978, has been an asset to Bobby's administration. Russell is married and has three daughters. As you can see, Russell is "hard at it".



David Hathcoat, Civil Engineer, entered into Holy Matrimony on January 6, 1979, with Jeanine Lewis. We wish them the best of everything in the years to come.

Appreciation is given to Bobby Cornish and his wife Jane for sharing their home with the rest of us to provide facilities for an office Christmas party. We shared lots of good food and lots of fun.

Mr. & Mrs. Billy Jack McAlister (Civil Engineer) were the proud parents of a bouncing baby boy, Charles William, born on October 4, 1978. We extend our congratulations to them.

On February 10, 1979, Bennie Edwards married Ala Mae Stevenson in a quiet ceremony and small reception. After a brief honeymoon in a summer home in the mountains, Bennie is back at work and enjoying married life.

In January of 1979, Civil Engineer Gerald Teague went to Colorado for a few days to snow ski. He didn't come back with any broken bones, so he must have had a real good time. Gerald is 26 and single.

The office personnel are ready for summer so they can get some work done. It's been a long winter, and we all hope that it's over.

DISTRICT SEVEN

By The Staff

A little late, but not forgotten by the hunters -- District Seven employees who bagged deer during the last season and "let it be heard" were: John Livingston, his wife June, and John Livingston, Jr. (John, Jr. is employed by Construction in this District); Mark Campbell, son of District Engineer Coy Campbell; James Renfro (who bagged an 8-point); Jimmy Hamilton; Conrad Sanders; T.R. Oglesby; John Beasley; and Larry Hollis.

Percy Walker, Engineering Aide for Bob Myers, and wife, spent the Christmas holidays in New Mexico.

The children of Mr. and Mrs. G.P. Townsend, Station Attendant at Lewisville Area Headquarters, surprised them with a 45th Wedding Anniversary celebration. Six of their eight children were in attendance; along with other relatives and friends. Dinner was served on two occasions to approximately thirty guests. They have seventeen grandchildren. Congratulations!



G.P. Townsend and family

Althea Campbell, District Secretary, received her 20-year Service Award, presented by District Engineer Coy Campbell, in January. She was honored on this special occasion with a surprise coffee and cake, prepared and served by Mrs. Coy Campbell. The men in the District office and the Resident Engineers showed their appreciation by presenting her a basket of fresh spring flowers. Special guests were Althea's husband, Elwood; two of their four children, Bill Camp-

bell and Barbara Bennett; and Althea's mother, Mrs. Ada Garnett of Fort Madison, Iowa, who is visiting here.

Congratulations to LaVetrice and J.M. Gill (Equipment Operator II in Dallas County), who were married on January 20, 1979.

Service Awards were presented by Commissioner Branyan to the following people: Charles Anderson, 30 years, Bill R. Bethea, 25 years; Woodrow Brown, 25 years; and James Robinson, 25 years.



A.W. HARDY RESIDENCY

By The Staff

January has been the month of weddings for this office. Karen Cantrell, daughter of James Cantrell, was married on January 13th in Camden to Wallace Reed of Winslow, Arkansas. Karen and Wally are now living in Camden, where she works for South Arkansas Music Company and he attends the Fire Training Academy at East Camden. Congratulations!

On January 18th, Theda Huffman, Clerk Typist, was married to Richard Henderson, originally from Junction City, Louisiana. Rick is the Service Manager for Laney Motors here in Camden.

This charming young woman is Ann Cheatham, daughter of J.A. Cheatham. Ann graduated from Magnolia High School last Spring and is now a freshman at Southern Arkansas University majoring in Elementary Education. Best of luck to Ann in the future.



Ann Cheatham

R. HITE RESIDENCY

By Terry Wildbur

Congratulations are in order for Larry Beard, Office Technician, and his wife, Sherry, who are

expecting their first child in June. Raymond Covey, Engineer Aide III, and wife, Karen, are expecting a baby in August. Congratulations, guys!

We had a fantastic Christmas party this year. I'd like to thank Larry and Sherry Beard for having enough courage to open their home to all of us. I think everyone enjoyed the good food and fellowship.

DISTRICT EIGHT

By The Staff

Those receiving Service Awards for the last few months were: O.S. Langford, 25 years; Lawrence O. Turner, 25 years; Noah Moody, 25 years; Carmet L. Crites, 10 years; James Gipson, 20 years; Mike L. Norton, 5 years; Rayburn D. Gipson, 5 years; J.C. Garrigus, 5 years; George W. Cates, 10 years; Samuel E. Kizer, 15 years; Lester L. Mathis, Jr., 5 years; Dennis A. James, 5 years; and Eddie Deckard, 10 years. Those receiving Retirement Certificates were Loy M. Hale and James W. Phillips.

Our annual Christmas party was held on the evening of December 15th in the District Shop. We were very pleased to see so many of our fellow employees and retirees and their families present. Among those present were Noah Moody, who received his 25 year service certificate and Jim Phillips, who received his Retirement Certificate. Our Social Events Committee did an excellent job putting the party together. The smoked ham and all the trimmings were absolutely delicious. We must not forget Santa Claus. Without him "flying" in to give out candy and talk to all the little kids and big kids, our party would not have been complete.

Congratulations to Bill and Ruby McAlister on their 30th Wedding Anniversary. On January 28, 1979, they were honored by their children with an open house.

DISTRICT NINE

By Shirley Morton

The annual District Nine Christmas party was attended by a large group including many of our retired personnel on the afternoon of December 19th at the District Headquarters. We were honored to have Commissioner Patsy Thomasson and Mr. Bert Rownd here to present Service Awards to the following people: 35 year Service Award and Retirement Certificate presented posthumously to Mrs. E.E. Vawter (Mr. Vawter was Henderson Ferry Supervisor prior to his retirement and death); 30 Year Service Award to John Parker, Job Superintendent; 25 year Service Awards to Marion Downs, Assistant Resident Engineer; Jim Godfrey, Job Superintendent, Rudolph Shrable, Henderson Ferry Boat Pilot; and Shirley Morton, Secretary; and a 20 year Service Award to District Engineer Curtis Pangle. Traditional Christmas goodies were served after the presentations and a brief talk by Mr. Pangle.

Our sincere sympathy was extended to Marion Downs, Assistant Resident Engineer, in the death of his wife, Norma; and to Dennis Jarrett, Assistant Storeroom Supervisor, in the death of his mother.

Recent promotions in the District Nine office are; Edris Braswell, Office Manager, Marcia Holt, Bookkeeper; Donna Fowler, Fuel Clerk; and Rayma Sue King from District Four at Springdale is our new Receptionist. Congratulations to all you gals.

We are having the usual January weather: snow, sleet, ice, rain, high winds resulting in blizzard conditions and deep snow drifts. Our crews, as usual, have done an excellent job in clearing the roads for travel. They have been working long hours in near zero temperatures and they are all to be commended for a job well done. Their efforts are certainly appreciated.



District Nine Service Awards: Left to Right: Commissioner Patsy Thomasson, Curtis G. Pangle, 20 years; Marion Downs, 25 years; Shirley Morton, 25 years; Rudolph Shrable, 25 years; John Parker, 30 years; Jim Godfrey, 25 years; and Mrs. E.E. Vawter who accepted the award for Mr. E.E. Vawter, 35 years, along with Bert Rownd, Maintenance Engineer.

DISTRICT TEN

By Isabelle Psalmonds

Several of the men in District Ten went to the deer woods. We got a report on some of them in the Lawrence County Maintenance Crew. Tom Carley, crew leader, killed a 16-point buck weighing 154 pounds after being field dressed. The buck was killed off Highway 117, at Denton, in Lawrence County. Paul Gatlin, also of the Lawrence County Crew, killed a doe near Lynn in the Rainey Brake Area in Lawrence County.



Tom Carley's 16-point buck!

Harold White, who works with the Maintenance Crew in Lawrence County, killed a 5-point buck at Williford with bow and arrow. His buddies killed a doe with bow and arrow. Harold killed a 6-point buck on November 13th on Flat Creek Ranch off Highway 117 in Lawrence County. (Looks like Lawrence County is the place to go.)



Harold White with first doe



Harold White and second doe

We had a good Christmas party. It was pot-luck dinner at noon on a Saturday. Some 300-plus employees and retirees and their families gathered for a good time of fellowship. The District Headquarters furnished the ham and turkey and the ladies brought salads, vegetables and desserts. My, what a feast of good food and fellowship! It was good to meet and visit with those in other areas of the District and to visit with the retirees who were at the party. The children enjoyed a visit from Santa Claus. Sorry, no pictures. Some were taken, but we do not have them.

The A.H.T.D. bowling team recently had high game and high series in their league. Congratulations!

During coffee break recently, we had doughnuts and Mr. Pumphrey made some presentations. Rex Hall, Assistant Maintenance Superintendent, received his 20-year Certificate of Service and Arthur Cole, Heavy Truck Driver, received his 25-year Certificate of Service. Arthur has said several times that as long as he has been with the Department, he has never had a new truck, so the boys in the shop gave him a new one when Mr. Pumphrey presented him his certificate. Jim Cooper, recent retiree, came out and Mr. Pumphrey presented him with his Public Relations Officer Certificate.



Rex Hall



Arthur Cole and gift from co-workers



Arthur Cole



Jim Cooper



Rennie Beckman

Rennie Beckman keeps the buildings at the Bardstown and Hilton Rest Areas in Mississippi County clean and takes pride in her work. She has placed sheets of paper in several places in the rest areas requesting the travelers to make comments on the facilities.

She has received comments from Wisconsin, Nebraska and Illinois, as well as other places. Some of the comments are:

"Beautiful place! Sorry people don't care enough to keep it that way. Returning from a week in Texas. Happy New Year!" (Central Wisconsin)

"I liked this washroom as it is cleaner than most. Also thanks for it being warm. It needs a waste paper basket."

"Just great. Best from west coast to here, home to Springfield, Illinois."

"Very, very nice and clean, warm restroom. Thanks!" (Wisconsin)

"I personally think you should fix the lock on the stalls". (Mount Vernon, Illinois)

One person thought we should have cushions on the seats and some wanted a better grade of paper and some wanted instant coffee and magazines.

We know the majority of people appreciate a clean, warm place to stop and rest and we appreciate Ms. Beckman's part in making these rest stops pleasant places for travelers as they go through Arkansas.

Christmas at the Districts





Arkansas to observe National Transportation Week

The Arkansas State Highway and Transportation Department will mark the observance of National Transportation Week, May 13-19, 1979, with Open House at each of the ten District Headquarters.

A committee of employees in each District will coordinate the activities, which will include

tours of the District Headquarters, displays, information presentations.

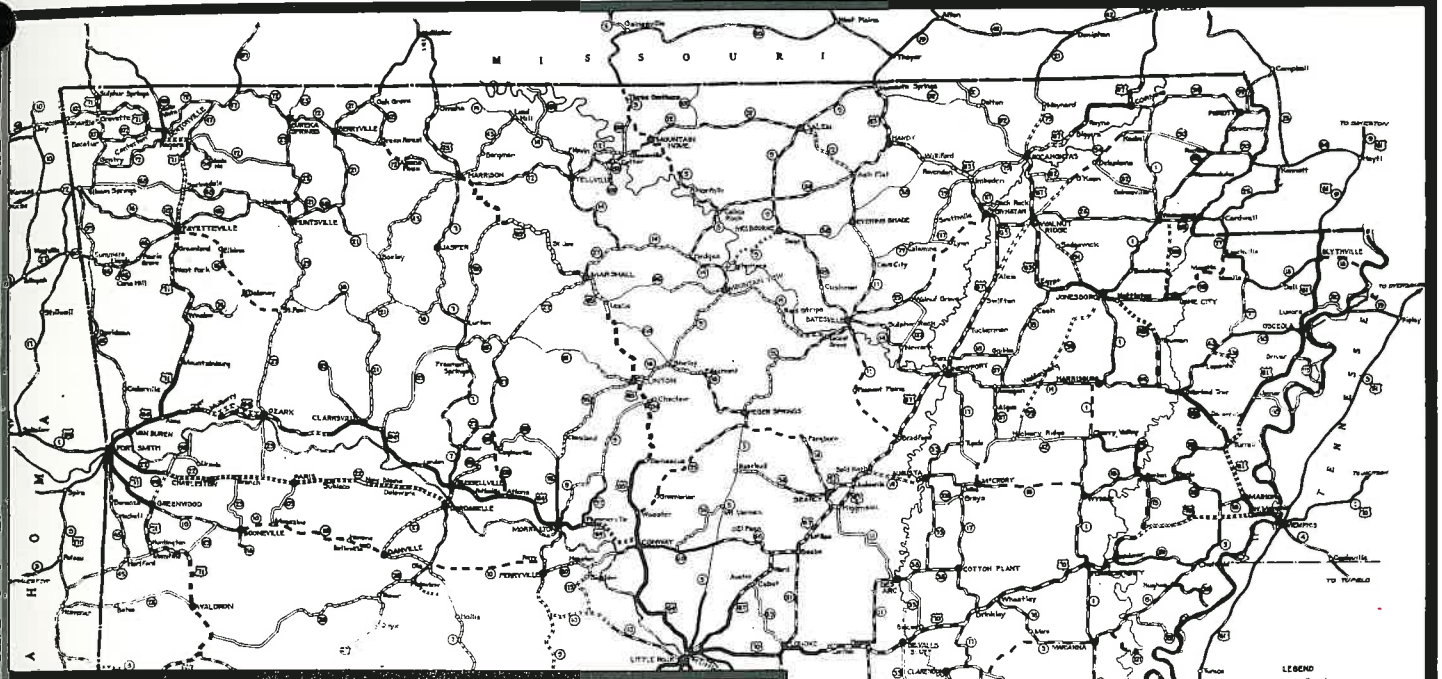
Each District Committee has selected a date and time to hold their Open House and all employees are urged to assist in the activities if called upon.

compounds, equipment and slide presentations.

Each District Committee has selected a date and time to hold their Open House and all employees are urged to assist in the activities if called upon.

DISTRICT	DATE	TIME
District 1, Wynne	Friday, May 18th	1:00 - 5:00 p.m.
District 2, Pine Bluff	Wednesday, May 16th	12:00 - 4:00 p.m.
District 3, Hope	Wednesday, May 16th	1:00 - 5:30 p.m.
District 4, Fort Smith	Tuesday, May 15th	4:00 - 7:00 p.m.
District 5, Batesville	Friday, May 18th	1:00 - 6:00 p.m.
District 6, Little Rock	Tuesday and Wednesday, May 15 & 16	
District 7, Camden	Tuesday, May 15th	12:00 - 4:00 p.m.
District 8, Russellville	Wednesday, May 16th	1:00 - 6:00 p.m.
District 9, Harrison	Tuesday, May 15th	1:00 - 4:00 p.m.
District 10, Paragould	Thursday, May 17th	2:00 - 7:00 p.m.

1979 Tourist Map Ready for Distribution



Arkansas STATE HIGHWAY MAP



LEGEND

- Paved
- Gravel
- Graded
- Unimproved
- Unpaved

CONSTRUCTION

- Paving
- Gravel
- Grading

Note: Alternate Routes or Detours are Provided for All Pending Construction

**MAP OF
STATE OF ARKANSAS
SHOWING
TYPES OF ROADS**

COMPILED BY THE
STATE HIGHWAY COMMISSION
LITTLE ROCK
THE
STATE HIGHWAY COMMISSION

Dwight H. DeGroot, Chairman
J.L. Williams, Justin Matthews
Sam J. Wilson, J.S. Parks
C.S. Christian, State Highway Engineer

Scale
Sept. 1979

There have been many changes in the Arkansas Highway Map over the past 50 years.

The 1929 map, partially shown, was drawn and lettered by hand and printed on one side only. The 1979 map is printed on both sides in four-color process and depicts not only highways, but lakes, rivers, parks and detailed drawings of cities.

The Arkansas State Highway System has also undergone a dramatic change over the past 50 years. In 1929 there were 8,810 miles on the system and only 1,436 miles were paved. Today, there are 15,964 miles, of which 14,674 are hard surface roads.

This year, the map cover shows our State Capitol and the familiar "Arkansas" logo.

The new maps can be obtained at any of the nine tourist information centers, State Highway District Headquarters, and the Map Sales Office in the Central Office Building at Little Rock.



Arkansas State Highway
& Transportation Department
Post Office Box 2261
Little Rock, Arkansas 72203

