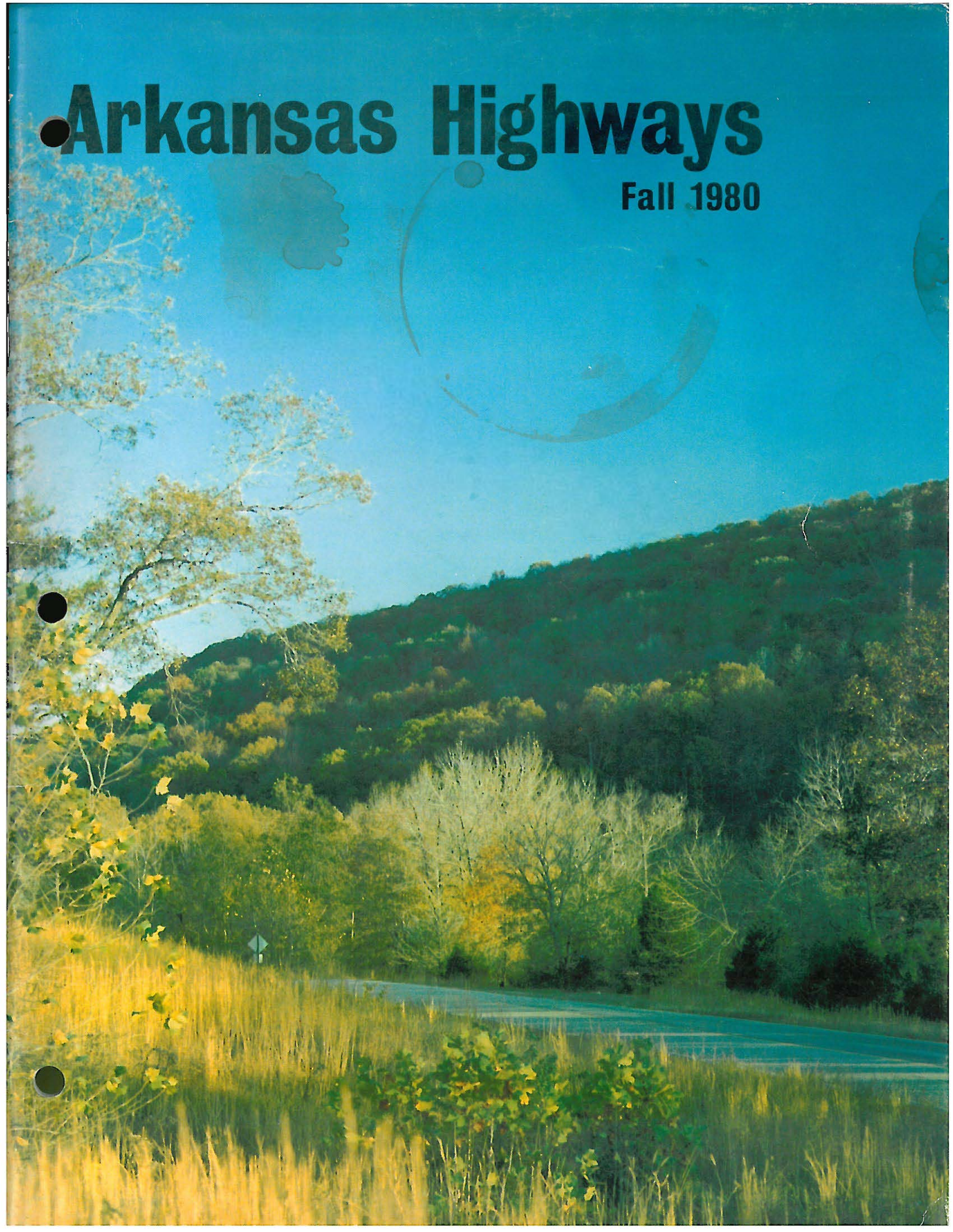


Arkansas Highways

Fall 1980



A MESSAGE from the DIRECTOR

In the last issue of Arkansas Highways I reported on the Department's suit challenging the Federal government's impoundment of federal aid highway funds to Arkansas in which the Federal District Court ruled in our favor.

Since that time the Federal Highway Administration has appealed the ruling to the Eighth Circuit Court of Appeals at St. Louis. The Appeals Court reversed the decision of the District Court saying recent Congressional action approving a new allocation that reduced Arkansas' share of Federal highway funds made the lawsuit moot.

The Department will not appeal the decision.

We have also advised the FHWA that the state will be able to obligate \$10.4 million in discretionary primary funds, that would have been lost if not obligated by September 30, 1980. These funds will be used for projects on the Highway 71 Bypass at Fayetteville and the Highway 71 Relocation between Fayetteville and McKisic Creek.

As we begin the new Federal Fiscal Year, there are still many uncertainties about the future Federal Aid Program. One proposal that greatly concerns the Highway Commission is to eliminate federal aid to secondary roads. We have about 10,000 miles of secondary highways on the 16,000 mile State Highway System.

The current matching formula is 75 percent federal and 25 percent state funds. If this category is removed we will be hard pressed to finance improvements with our current sources of state revenue.

The record heat wave this summer added to our dilemma. At last report, there was an estimated \$11.7 million in damage to our highways caused by the extreme weather conditions.

The Highway Commission requested relief from the Federal Highway Administration in the form of emergency funds to repair the damage, however, our request was denied.

Once again, the dedication of the Department employees was evident. Many long, hot, hours were put in to repair the damage to the roadways. As always, you did a commendable job under difficult conditions and I want you to know the Highway Commission members and I appreciate the extra effort on your part to keep our highways safe for the traveling public.



Henry Gray

A handwritten signature in black ink, appearing to read "Henry Gray". The signature is stylized with a large, looping initial "H" and a long, sweeping underline.

Henry Gray
Director of Highways and Transportation

Arkansas Highways



Volume 26 — Number 3

Fall 1980

July — August — September

Contents

A Message from the Director	Inside Front Cover
Energy — The Common Denominator	2
Gurdon Rest Area Renovation	4
Routine Check Nets Possible Record Overload	5
Danny Flowers Reappointed to Energy Council	5
Highway Rights-of-Way Scorched by Fire	6
Highway 109 Opened to Traffic	7
New Telephone System Installed at AHTD	8
Fall Colors	9
EEO Highlights	10
Dedications — Two State-Aid Projects	11
Lake Village Tourist Information Center	11
Clarendon Bypass	13
Research Project Studies Asphalt Problems	14
Heat Wave Damages Highways	16
Letters	18
Retirements	19
Service Awards	20
Around the Department	21



ARKANSAS HIGHWAY COMMISSION

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



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

ARKANSAS HIGHWAYS is published quarterly by and for employees of the Arkansas State Highway and Transportation Department as a medium of departmental news and other information. Correspondence and material should be directed to ARKANSAS HIGHWAYS Editor, Information Services, Post Office Box 2261, Little Rock, Arkansas, 72203. ARKANSAS HIGHWAYS is freely distributed to the public at their request and to all highway employees.

EDITOR Bill Stanton
ART UNIT Carolyn Graham
PHOTOGRAPHERS Johnnie Gray
David Hunter

FRONT COVER — Highway 59 through the Ozark National Forest in Crawford County. Photo by David Hunter.

BACK COVER — Highway 62B in scenic Eureka Springs in Carroll County. Photo by David Hunter.

ENERGY

The Common Denominator

Part II

1950 - 1969

Multinationalism and The Birth of the Oil Cartels

By John Hume

The Twentieth Century in the longer view of history will probably be most noted for the growth, the unprecedented growth, of international relations. Although the headlines in the press and the media make the realization difficult to accept. In spite of devastating wars, police actions, other conflicts, and frequent setbacks, the people of the world have drawn closer to one another, not alone in space in terms of incredibly swift transport of persons and communication in thought, but also in spirit in terms of the commonality of the overall interests of all people. For the most part this has taken the form of a subtle rapprochement motivated by and most active in socio-economic relationships rather than political; more specifically, in the industrial/technological sectors where the abrogation of political barriers in the interest of regional or global cooperation for social or business purposes is supported and facilitated by the altruistic objectives of United Nation's social programs and the commercial goals of multinational corporations and international cartels.

In this industrial/technological age, petroleum and petro-chemicals are the most completely international aspects in contemporary socio-economic life. The raw material of this industry and the technology of its utilization necessarily involve a vital interdependence of nations if the daily needs of mankind are to be met with any reasonable propriety. That propriety impinges in one way or another upon all activities of the people of the world, whether they be in politics, economics, industry, commerce, law, science, technology, societal responsibility or human welfare, or even international relations, *per se*. However, the international aspects of the petroleum industry are far more apparent in certain regions of the world than in others. Prior to January 1979 this was, perhaps best illustrated in Iran, once known as the cradle of the petroleum industry in the Middle East, whose petroleum resources were exploited by the NIOC (National Iranian Oil Company) and a cartel of some thirty companies of various nationalities. Originally, these companies were a small group of the major oil companies associated in the one Iranian enterprise, which subsequently admitted a number of other companies to bring the number up to thirty or so. Except in degree, the Iranian situation is a stereo-type of the situation elsewhere with few or no exceptions.

In the 'Fifties the oil producing nations found it is impossible for any country to maintain a long-term petroleum policy on its own, i.e., aloof from the others. This was due largely to the geo-political and demographic factors of oil production and oil consumption relationships. The greater part of the world's petroleum reserves lie under the soils of under-developed or developing countries. These lack the technology and the industrial facility to exploit their resources. Throughout the history beginning early in this

century of the international expansion of petroleum exploration it was obvious that the developed and the developing countries must function in a complementary relationship to successfully exploit the raw resources -- the former to supply the financing, transport, technology, extraction and processing equipment, and market outlets -- the latter to supply the resource and the labor pool. The circumstances were such that, in the light of reason, the owner/nationals, the investor/companies and the consumer/nationals would be expected to act in a climate of cooperative understanding and unity to realize an equitable and optional benefit to each.

Unfortunately, reason did not prevail. An equitable relationship was not realized. The ignorance and inexperience of the developing countries (owner/nationals) were exploited by the investor/companies and consumer/nationals along with their oil.

The industrial nations had clearly realized, very early in the global exploration for oil, that the peculiar and universal qualities of the petroleum industry, both as energy and as chemical, required that it be strongly concentrated and integrated by a small group of powerful companies controlling all phases and activities from exploration to distribution. In the first quarter of this century, American and European companies with the full support of their governments obtained very advantageous concessions and established themselves in the Middle and Far East assuming an industrial hegemony that often dominated the political and social life of their host nations, who were usually unaware of the extent of their loss but, if aware, too weak to avert it.

The rising nationalism of the Post World War II era among the developing nations brought an awareness of the glaring inequities in their oil concessions. A spin-off of the rising oil wealth, inequitably low, though it was, of the oil producing nations was the education of their young people in the major universities of the industrial nations where they learned the realities of their exploration. Their new found awareness of the inequities inherent in their oil concessions was soon disseminated among the ruling classes of their homelands. The pressures began to build to correct or even reverse these early inequities, but oil companies maintained an inflexible resistance to change or revision of the concessions. Tensions built and in the 'fifties rectification endeavors, isolated and uncoordinated, began to erode the companies colonial power: Negotiations of existing concession agreements, affirmation of sovereign rights, revisions of concessions, nationalization, expropriation, and new agreements to strengthen and preserve owner/nationals rights. Along with these efforts there grew a clear recognition among the oil producing nations of their great need for collective action as the only means to achieve an equitable and fair resolution

of their problems and of safeguarding their futures.

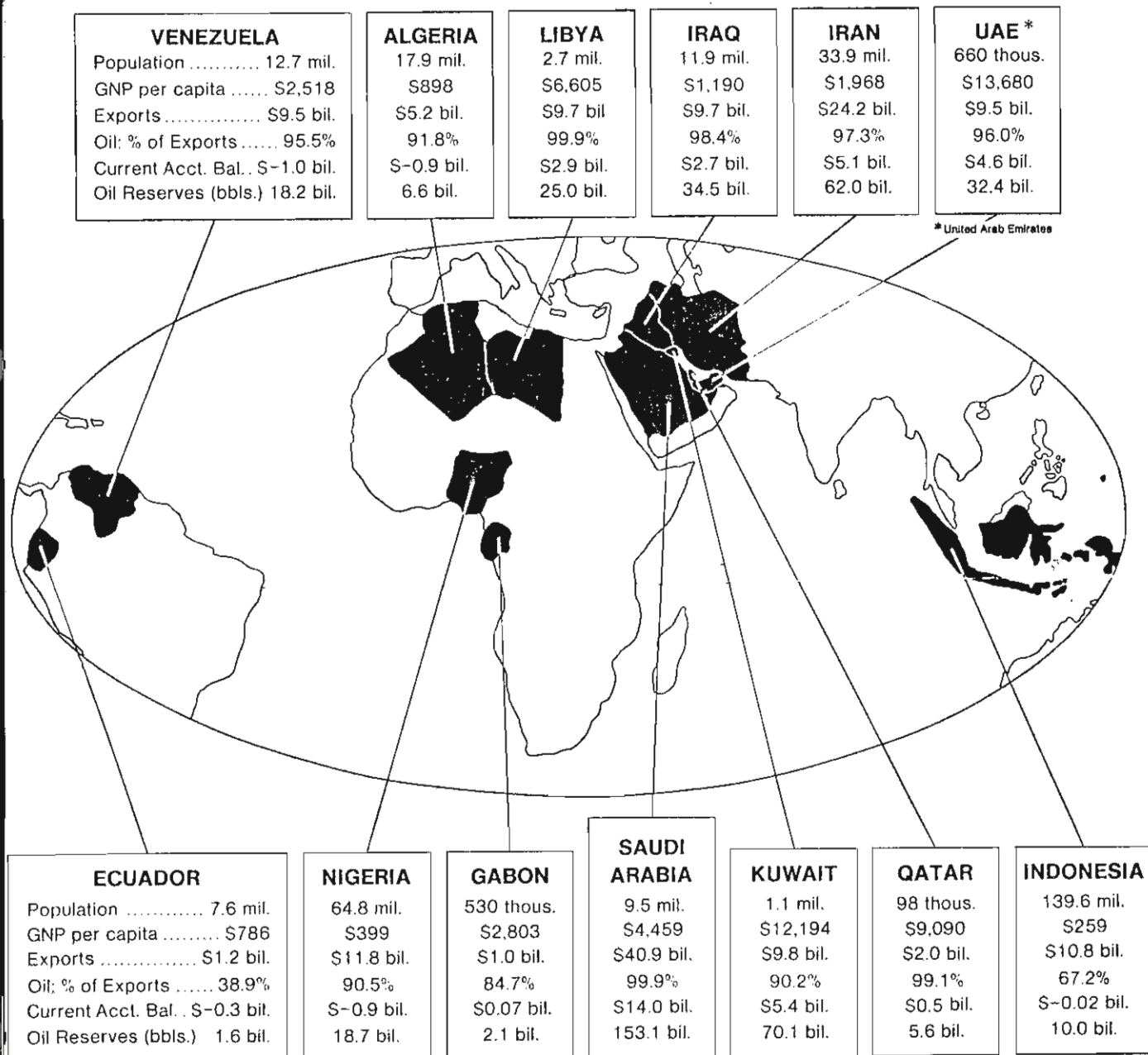
This recognition bore fruit in the September 1960 meeting in Bagdad and the creation of the Organization of Petroleum Exporting Countries -- OPEC. The Organization was to maintain a Secretariat and meet twice yearly to discuss mutual problems, and the conservation of their petroleum resources and the protection of their common interests. Although almost all the developing nations among the oil producing group were represented at the initial ad hoc meeting, the charter members of the OPEC group were only five in number: Iran, Iraq, Kuwait, Saudi Arabia, and Venezuela.

Over the ensuing years, nine other oil producing nations have joined the Organization. These are as follows, by year of entry:

1961 Qatar	1969 Algeria
1962 Indonesia	1971 Nigeria
1962 Libya	1963 Ecuador Gabon(1)
1967 Abu Dhabi(2)	1974 United Arab Emirates(2)

(1) Gabon joined in 1973 as an "Associate" member but took full membership in 1975.

OPEC



* United Arab Emirates

All data are latest available. Current account balances are for 1977 except 1976 for Algeria, and 1975 for Iraq.

(2) This membership includes Abu Dhabi which had maintained an independent full membership on its own over the preceding seven years. The UAE Membership comprises the small independent contiguous states lying along the southern shore of the Persian Gulf on the Arabian Peninsula.

The formally enunciated purpose of the Organization is: "To unify and co-ordinate members' petroleum policies and to safeguard their interests generally."

At the initial Bagdad meeting in September 1960, the basic structure was set up. It called for twice-yearly meetings of "The Conference". The Conference would consist of the representatives of the member nations and would be vested with the supreme authority of the Organization, responsible for the formulation of general policy, the review of reports and recommendations submitted by the Board of Governors from each country, and the selection of the Board's Chairman. The conference works on the principal of unanimity and is funded by equal contributions from all the member countries.

The Board of Governors as the executive arm of the Organization consists of one Governor for each member country, meets twice yearly, draws up the annual budget, and

implements the Resolutions of The Conference, through the Secretariat. The Secretariat under the Secretary-General provides technical and economic guidance for member countries and co-ordination of their petroleum policies. It is structured in two major Divisions under the Office of the Secretary-General: The Research Division, which handles energy studies, economics and financial analyses; and an Information Services Department, which maintains public relations, legal studies and reports, a library, a statistics unit and computer services.

Over the twenty years of its existence OPEC as a producing cartel has established a balance of power with the oil companies' cartel that has caused an unprecedented shift of wealth from the industrial nations and a process of readjustment among both the developed and the developing nations that will not be stabilized for many years to come and may still face changes in life styles for all. Perhaps the most worthy of sympathy in the whole scenario are the under-developed Third World non-oil-producing nations who remain powerless in their poverty.

NEXT: The OPEC Record and its Future

Gurdon Rest Area Renovation Complete

Renovation of the Gurdon Rest Area on I-30 between Highway 53 and Highway 51 in Clark County was completed this summer and the facility has been reopened.

The rest area, constructed ten years ago, was closed in mid 1977 when the sewage treatment systems failed due to overuse. It was feared health problems could have resulted if the wells became contaminated due to inadequate treatment of sewage.

Broken pavement on the parking ramps and under the buildings resulted from poor soil conditions. The problem is not unique to the Gurdon rest area. Many areas throughout the nation are experiencing similar difficulties because their use has far exceeded earlier design standards. This situation

prompted the Federal Highway Administration to make Interstate Highway Funds available to completely renovate such facilities.

In February of 1978, the Arkansas Highway Commission awarded a \$658,000 contract to CannCo Contractors, Inc., of Lake Village, Arkansas, to remodel the rest area. CannCo was also awarded a \$182,000 contract in September, 1979, to construct new sewage treatment facilities and wells.

The new facilities include enlarged rest rooms, expanded truck and car parking areas and additional picnic areas.

The new buildings were constructed with energy saving features, such as large skylights for natural light and extra insulation.





Photo by Janice Clark
South Arkansas News

Routine Check Nets Possible Record Overload

When Highway Police Patrolman George Franks, Jr. and his partner, Patrolman Thomas Sivils, set up their portable scales on State Highway 133 south of Crossett on July 18, they were expecting it to be a fairly routine day.

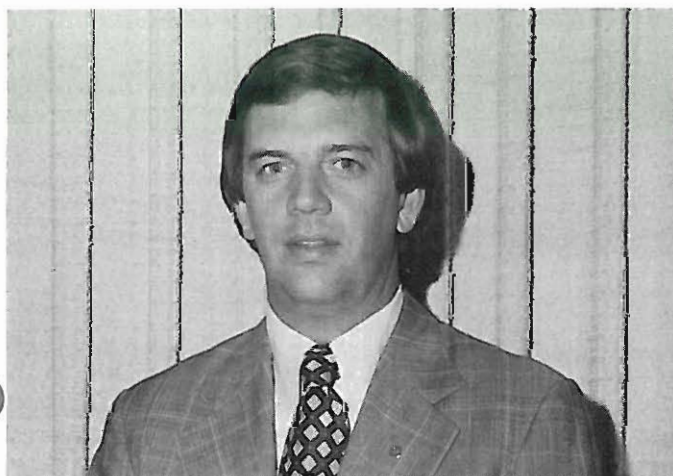
Looking south on Highway 133, the Highway Patrolmen spotted a 10-axle transport with a high crane nearing their position. As the truck and lowboy trailer came to a stop the officers were expected to examine the driver's over-load permit and then send the truck on its way.

However, the driver over looked one thing. He didn't have a permit. As the officers began the complex procedure of weighing each axle they knew they had an illegal overload, but

just how much over the legal limit of 73,280 pounds wasn't known for several minutes. The final tally was 158,500 pounds. That's 85,220 pounds over the limit and believed to be a record illegal overload for that part of the State.

Roadrunner Transport of Houston, Texas was hauling a crane from Tallulah, Louisiana for Brown and Root, the construction firm for Georgia-Pacific's modernization project at Crossett. The driver of the transport was required to post bond in the amount of \$4,292 and obtain the necessary permit before being allowed to continue his journey. The permit, which if obtained prior to the trip, as the law requires, only cost a little over \$100. The company later forfeited the bond.

Flowers Reappointed to Council



Danny Flowers

Danny Flowers, District Engineer at Little Rock, has been reappointed by Governor Bill Clinton to a two-year term on the Governor's Engineering Advisory Council. This will be Flowers' second term on the ten-member council.

The Governor's Engineering Advisory Council was organized in the spring of 1979 to provide the Governor with a source of expertise on scientific engineering and technical matters affecting the citizens of Arkansas. Since its formation, the council has completed studies and provided recommendations to the Governor regarding the operation of Arkansas Nuclear One, the nuclear powered electric generating plant near Russellville, hazardous waste disposal, reclamation of surface-mined lands for coal and the Rockefeller Foundation's Report on Disposal of Waste Water in Arkansas.

An energy subcommittee of the council is studying the energy code for buildings in Arkansas. The council is a voluntary organization whose members serve without compensation.

Highway Rights-of-way Scorched by Fire



are frequently the first to spot fires. Area road crews will extinguish fires small enough for them to handle, but if the fire is too large to manage without trained fire fighters, the proper authorities are immediately notified. The Office of Emergency Services can officially request the assistance of Department personnel and equipment. Any assistance the nearby headquarters can offer is provided at all times when life or major property damage is threatened.

An example of this occurred in District 8 on August 21. A large forest fire was raging out of control in the Mill Creek area between London and Russellville. The fire crossed both lanes of Interstate 40 and Highway 64 before it was brought under control.



In addition to repairing the severe damage our highways suffered from the extreme heat this summer, highway maintenance crews have often had to fight fires on the highway rights of way.

The State Forestry Commission reported over 2,750 fires during July, August and September, with nearly 72,000 acres of timber and grasslands burned. The total damage to timber, personal property and livestock reached just over five million dollars. A great number of these fires can be attributed to the careless motorist who threw a burning cigarette or match from a car window, catching the adjacent highway right of way on fire and spreading it to nearby farmland or timberland.

Highway and Transportation Department personnel travel the state's highways constantly, and



Pope County Area Foreman Joe Stevens and AHTD employee Jerry Biffle were taking a load of water to the fire trucks when they spotted some horses in a burning pasture. They released the horses into another pasture and while doing this, they were told a newly completed house was burning. They took the water truck to the house and helped keep it from burning to the ground. After the London Fire Department arrived on the scene, Stevens and Biffle continued on to the larger forest fire.

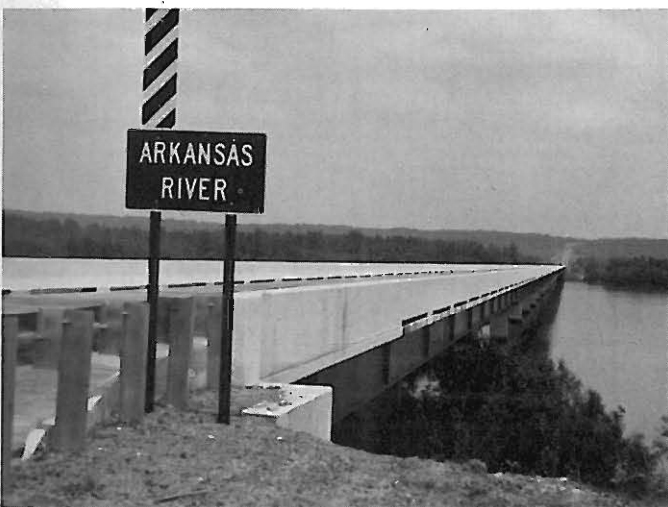
In a letter to District 8 Engineer Hurlley Perkins, Pope County Judge Samuel Rye wrote, "Due to the quick response and efficient efforts of you and your employees last week, a serious threat to many residents of Pope County was quickly averted. My entire administration and staff wishes to thank you and

if we can ever be of service, please feel free to call."

Although the hot, dry summer is behind us, the time of greatest fire danger is customarily during the Autumn months. All citizens are reminded of the need to use great care when traveling in the state. Your help is essential in preserving Arkansas' scenic beauty.



Highway 109 Opened to Traffic



The barricades were removed and traffic began moving on the Highway 109 bridge over the Arkansas River south of Clarksville, June 27, 1980.

Construction on the bridge and approaches were authorized by the Arkansas Highway Commission in 1970. Federal Aid Secondary funds were secured and the first contract for

grading and partial substructures was awarded in September, 1974, to Barber Bridge Builders, Inc. of Fort Smith for \$2.4 million.

In all, five contracts were awarded to four contractors totaling \$12.7 million. R.R. Tway, Inc. of Oklahoma City received two contracts; one for the approach bridge superstructure and the other for the main bridge superstructure. W.L. Hailey and Company, Inc. of Nashville, Tennessee did the main bridge substructure and Jack Wood Construction Company of Judsonia, Arkansas was awarded the surfacing contract for the north roadway approach. Arkansas Highway and Transportation Department District Four construction forces surfaced the south roadway approach.

The new bridge has a 30-foot clear roadway width and a 410-foot navigational span. In addition to the bridge and approaches, the Department has constructed an interchange at Interstate 40 and Highway 194 to accommodate the increased traffic. Jack Wood Construction Company, Inc. was awarded a \$565,000 contract in July, 1979 to build the interchange.

With the new bridge in operation, the distance between previously constructed crossings at Ozark and Dardanelle, a distance of 53 miles, has been cut in half.

New Dimension System Installed at Highway Department

"Pound 2?"

"Star 4?"

"Hold on sir, I'll try to transfer you."

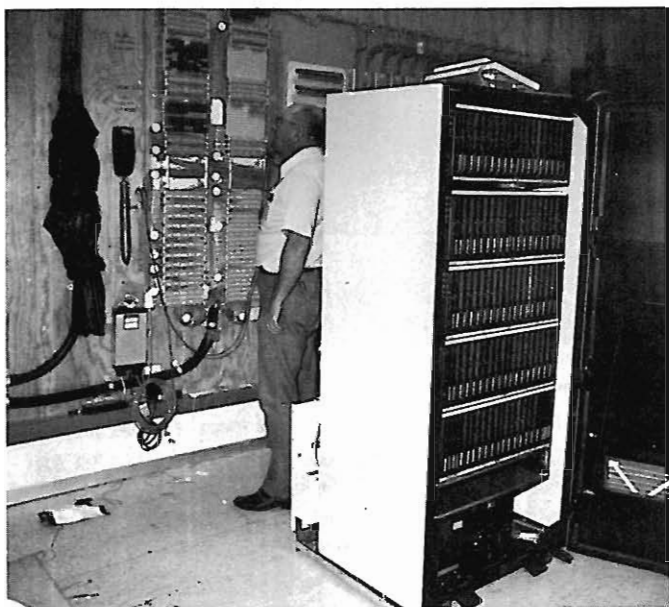
"Hello? Hello? There's no one there."

"I'm sorry sir, I disconnected you."

"Switchhook? What in the world is a switchhook?"

In any office around the Central Complex in Little Rock, these comments could be heard on July 7th. That was the day the new Dimension telephone system became operational. It takes awhile to get used to anything new, but progress is being made.

During the entire 4th of July weekend, 37 Southwestern Bell employees worked 'round the clock to install the Dimension System. Prior to that, each Highway Department employee attended a two-hour workshop explaining the proper procedures for using the new equipment.



Bell employee checking circuits for new system.

Installation of the Dimension System was necessary because the previous equipment was totally obsolete. It was unreliable and any repairs were only temporary. Being an out-moded system, parts were unavailable.

Gip Robertson, Jr., Assistant to the Director, said, "The new system is a necessity. We need to keep our communication lines open in case of emergencies. It is vital to have a dependable system at all times. Also, the new system will decrease monthly operational cost."

Robertson says he is pleased with the performance of the system. "The accessibility to the WATS line is greatly improved. There will be some necessary small changes in the early months of use, but the system will be extremely beneficial."

Our telephone system is now set up to handle 425 to 450 stations or individual lines, which relieves congestion at the switchboard. A key feature of the new switchboard is a special device which enables a visually impaired person to operate it.

Known as the Visually Impaired Attendant Service, this new switchboard feature was developed for the Texas Boys School for the Blind. The one installed at the Highway and Transportation Department is only the second of its kind installed in the Southwestern Bell System. It is equipped with a light probe and seven audible tones which identify the type of call coming in. With these tones, the operator can tell if the call is being placed from within the building, outside the building and so on.

This feature is most important to our switchboard operator, Anna Elam, who is legally blind. Mrs. Elam was trained to use the switchboard at Arkansas Enterprises for the Blind, by classroom and on-the-job experience.

According to Mike Bearden, Account Executive for Southwestern Bell, persons with visual impairments can be trained in less time than a normally sighted person. "A person with a visual impairment can identify the tones faster than a sighted person. Their sense of hearing is more acute," he said.

Mrs. Elam came to work at the Department in March of this year and to her the first day of work was "a red-letter day." She was terrified the first few days, but it didn't take long for her to know that she loved it here. "It's great to get paid for doing something you enjoy so much," she said.

According to Mrs. Elam, "Half of the work is gone with the ability to transfer calls from each line. The time to connect calls takes about one-third the time."

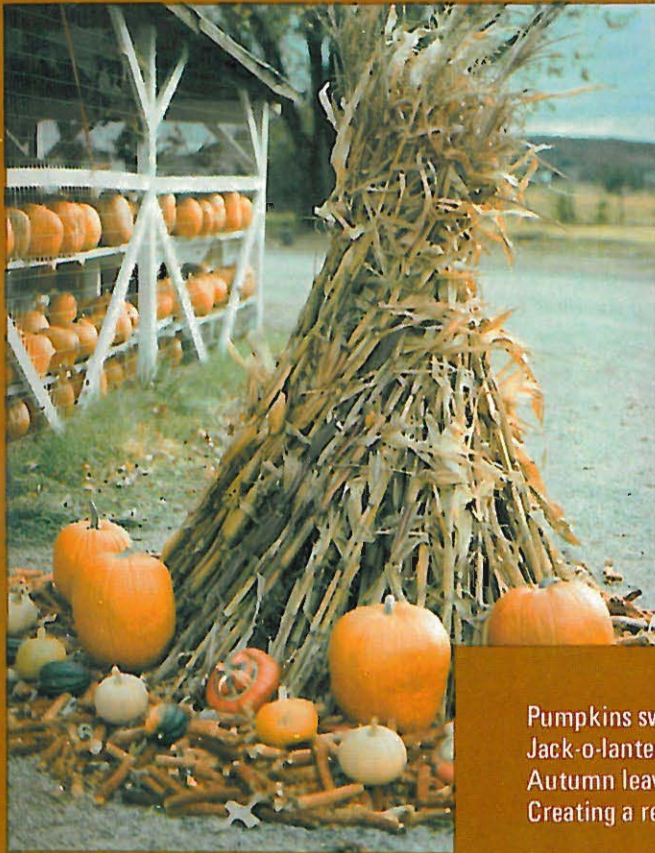


Anna Elam operates new switchboard.

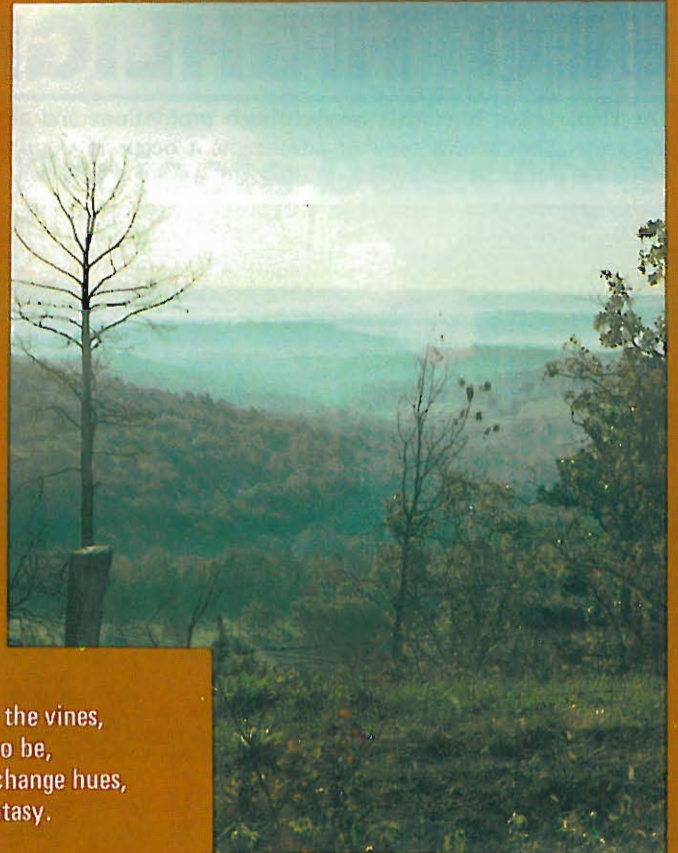
Bearden said, "The Dimension System can't be out-grown, since additional circuit packs can be added to the system to expand the number of stations handled."

Now that Central Office employees have had a few months of experience with the new system, the beeps, tones and other signals emitted by the innocent looking desk phone are not nearly as scary as they once were.

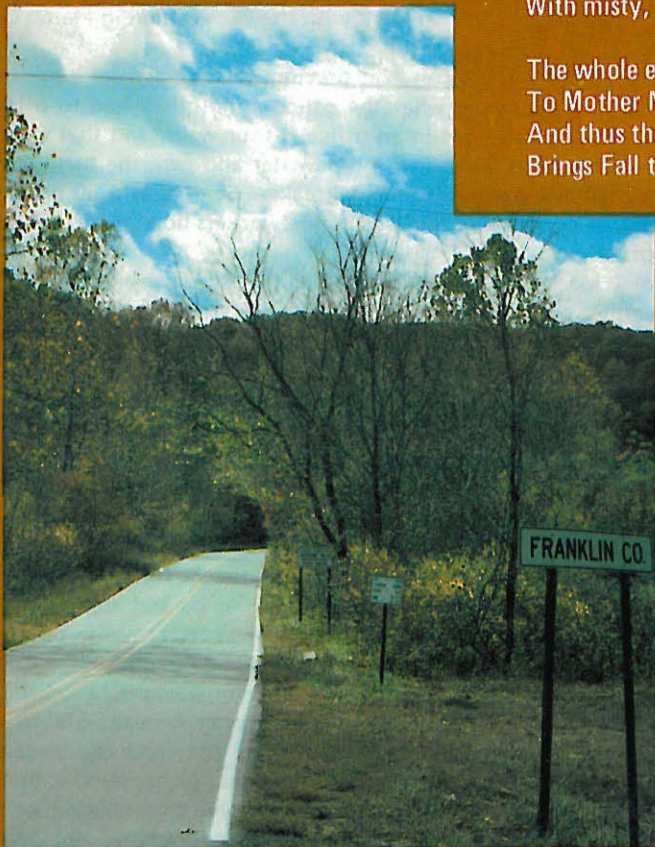
Of course there are still a few who, before transferring a call, preface their action with, "I'll try to transfer you to that number, however, we have a new phone system and all of the bugs have not been worked out, so if I disconnect you, their number is"



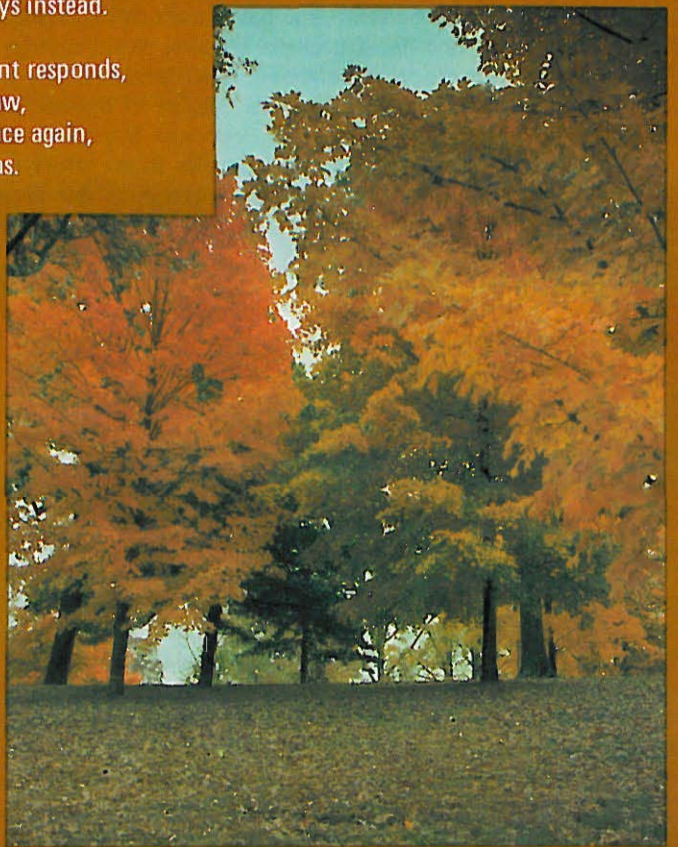
Pumpkins swelling on the vines,
Jack-o-lanterns soon to be,
Autumn leaves again change hues,
Creating a real-life fantasy.



Hopefully the horrid heat,
Will once again bow down its head,
And we will once again be blessed
With misty, milder days instead.



The whole environment responds,
To Mother Nature's law,
And thus the Lady once again,
Brings Fall to Arkansas.



EEO HIGHLIGHTS

The Department highlights breakthrough promotions and advancement of minorities and females to key positions in the Highway Magazine. Should this type of advancement occur in your area of responsibility, please contact the Information Services Office at 569-2239 or the EEO Section at 569-2296.



Becky Finney
Personnel Recruiter

The Department has a fulltime Personnel Recruiter — Becky Finney.

Mrs. Finney, 26, joined the Personnel Section in April, 1980. She previously worked for Opportunities Industrialization Centers, Inc., therefore, she has had much experience in job placement. She has a bachelor's degree in Psychology from Lincoln University in Jefferson City, Missouri. She is attending UALR, working toward her Master of Science in Applied Psychology in the area of Personnel Management.

Becky contacts minorities and females in an effort to fill positions within the Department. She will be traveling to various colleges and universities, in and out of state, to interview applicants.

Becky likes her job because it is people oriented. "I never have problems with people," she said. "I have worked with people, but my job here is pointing me in a new direction. It is a constant challenge. I have a lot to accomplish for self-approval." Becky obviously has a lot of initiative. To achieve the goals she has established, her initiative is a necessity. She maintains contact with all the districts and divisions, not to mention gaining the cooperation of outside agencies and individuals in order to attain information regarding prospective employees.

The ability to see good in almost everything is the mark of a totally positive person. This is the kind of individual Becky is. She especially sees the good in her work. "I get out a lot and this allows me to work with and talk to people," she said. This is not to slight the people she works with in the office. Becky said with a big smile on her face, "They are a good group."

When Becky Finney is not working toward putting other people to work, she is usually playing the piano (she plays all instruments except strings). That is when she is not taking care of her 3 year old son, Jason, or her 8 year old

daughter, Meisha. Some of you might remember her husband Darrell, who used to work for the Highway Department. She also plays racket ball, loves to listen to music, especially jazz, and she likes to write short stories.



Margaret Marker
Carpenter Trainee

While there are females working for the Department in many categories, Margaret Marker, 22, a Carpenter Trainee, is the first female on a Statewide Heavy Bridge Maintenance Crew.

Margaret came to work with the Department in March of 1979, and she likes her job.

Since Ms. Marker had previously done clerical work in Waldron, she knew what the office atmosphere had to offer her. "All you've got in an office is four walls, and that's it," she said. Now instead of a typewriter and pen, she handles a jackhammer and a pavement breaker. She tosses a 50 pound sack of concrete as easily as office workers hoist their cups of coffee.

Margaret is well aware that her job is dangerous. The number one priority in her line of work is safety. "Those signs are the most important part of our job. I won't work until the signs and flagmen are out," she said.

Once in a while, in spite of the care taken in placing the signs, they aren't seen by motorists. Margaret has had some close calls. "There was one day when we were doing repairs on I-40 and a car came around a curve flying to beat the band. I knew he was not going to be able to slow down in time and I started running for the ditch and he was still headed for me. He finally stopped about a foot in front of me. When the guy got out, the first thing he said was "I think I may have hurt my car" and I had just seen my life pass in front of me," she said breathlessly.

Working with a bridge crew requires travel, which has one definite drawback — no home-cooked meals. Margaret remembers one job where there was only one place convenient for the crew to eat. So, for about eight months, their main diet was pizza. The cooks at the pizza parlor were persuaded to cook hamburgers, but for a long time after that job, no member of the crew wanted to see another pizza.

DEDICATIONS

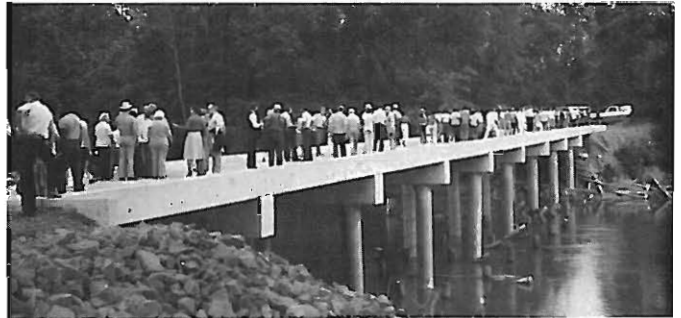
Two State-Aid Bridge Projects Dedicated

Clark and Dallas County residents gathered June 19 to dedicate the new Ouachita River Bridge on County roads 9 and 2 connecting Sparkman and Gurdon.

The new concrete, one-lane, low water bridge replaces an old timber structure that has washed out in recent flooding.

The bridge, built with a minimum investment by the two counties, is designed to provide service under normal circumstances.

CannCo Contractors, Inc., of Lake Village, was awarded a \$159,787 contract in August, 1979 to construct the bridge as a State-Aid County project, which is administered by the State Highway and Transportation Department.



New one-lane bridge over the Ouachita River.



Bridge over Fourche Creek in Pulaski County.

Flooding was also the reason State-Aid funds were used to construct a new bridge across Fourche Creek in Pulaski County on Fourche Dam Pike.

State, county and local officials were on hand July 5 to open the new concrete and steel structure which replaces a wooden bridge that had served traffic needs since the mid-1940's.

The old bridge was destroyed by a floating tree during the September 13, 1978 flood at Little Rock.

The Highway Commission awarded a \$388,410 contract to Joyner-Cranford-Burke Construction Company of Little Rock, April 25, 1979, to build the new 200-foot span. The financing was a combination of federal disaster funds, federal bridge replacement funds, municipal waterworks funds, county general funds and State-Aid funds.

New Tourist Center Opened at Lake Village

The State's newest Tourist Information Center was formally dedicated July 17, at Lake Village.

The new center, the tenth to be built by the State Highway and Transportation Department, is located at the intersection of U. S. Highway 65 and State Highway 144 in Chicot County.

U. S. Senator Dale Bumpers and Governor Bill Clinton delivered the principal addresses. They were joined on the dias by members of the Arkansas Highway Commission, Arkansas Parks, Recreation and Travel Commission and the Mississippi River Parkway Commission.

The three commissions and the Lake Village Chamber of Commerce joined together in sponsoring the dedication of the \$419,633 structure, which is built of wood and glass on pilings over Lake Chicot.

Highway Commission Chairman George Kell of Swifton told the crowd the Lake Village Center "is one of the most unique facilities we have ever constructed. This new solar energy public building has been constructed to actually use

the sun to heat itself and furnish all the hot water needs as well."

Special Federal revenues were used to construct the center as part of the Great River Road Program, which supplied 75 percent of the funding. The Highway and Transportation Department received a grant of \$85,000 from the Federal Highway Administration to install the solar heating equipment as a solar demonstration project.

The FHWA approved the grant for solar equipment based on the center's location at the hub of a three-state region which will provide a broad exposure of the solar project to great numbers of people. Visitors to the center will be able to see, first-hand, how the solar equipment operates.

The principal purpose of the center is to provide information to travelers entering the state from Louisiana and Mississippi and hopefully, encourage them to spend more time vacationing in Arkansas; thereby, helping the State's economy. The center is staffed with State Department of Parks & Tourism personnel who have a broad knowledge of

the numerous public and private attractions that are available to tourists in Arkansas. Additionally, maps and a large assortment of brochures are available for free distribution. Information on the importance of the Mississippi River in the nation's development and the attractions along the Great River Road will be furnished to visitors along with information on the use of solar equipment.

Bumpers and Clinton, like others on the program, kept their remarks brief because of the blistering heat beating down on the audience gathered on the center's parking lot.

Both praised the various commissions for their aid in getting the center approved and built, calling it a "plus" for Southeast Arkansas and a boost for the tourist trade.



Highway Commission Member Patsy Thomasson, U.S. Senator Dale Bumpers, State Representative Geno Mazzanti, Governor Bill Clinton and Highway Commission Vice Chairman James Branyan cut the ribbon officially opening the new Lake Village Tourist Information Center.



Some people attending the dedication used umbrellas and newspapers to protect themselves from the sun's intense rays.

Highway 79 Clarendon Bypass Dedicated

The U.S. 79 Bypass as Clarendon was formally dedicated Thursday, August 14. The dedication ceremonies were held on the new railroad overpass which was constructed as part of the project.

United States Senator Dale Bumpers was the principal speaker. Other speakers included were Clarendon Mayor Newton Meredith, Highway Commission Chairman George Kell and Highway Commission Member David Solomon.

The Arkansas Highway Commission awarded a \$1,567,-127 contract to Chancellor and Son, Inc. of Cordova, Tennessee, February 28, 1979, for the relocation of Highway 79. The new one-mile route south and east of Clarendon eliminates two 90-degree turns, providing greater safety and will take large truck traffic and the transportation of hazardous materials out of the center of town. As a result, congestion will be relieved and the new railroad overpass of the St. Louis-Southwestern Railroad will increase safety for highway users.

The old Highway 79 route through Clarendon has an average daily traffic count of 1,700 vehicles per day. The new Highway 79 Bypass is expected to carry 3,000 vehicles per day in the future.

Construction began in June, 1979. The new highway has two 12-foot lanes and 8-foot shoulders. The railroad overpass is 30 feet wide and 290 feet long. The Highway Commission utilized 100 percent State Funds on the project.

Dignitaries gather to cut the ribbon officially opening the Clarendon Bypass shown below.



Research Project Studies Overlay Problems

By Bob Kessenger
Research Engineer

When an asphaltic concrete surface is placed over an old pavement which has cracked and/or has joints, sooner or later some of the cracks appear in the new surface. Cracks in the new surface are called "reflective cracks" because they are reflected or mirrored from the old pavement through the new pavement. These cracks cause discontinuity in the pavement surface and allow water to enter and migrate to the base and subgrade which becomes detrimental to the pavement structure.

Highway engineers and researchers have tried for years to develop a method or methods for preventing or drastically reducing reflective cracks. It is believed by most authorities that the cracks are primarily caused by contraction and expansion of the old pavement due to changes in temperature and moisture. Vertical movements in the pavement created by traffic loads, earth movements, or loss of moisture in subgrades with high clay contents also contribute to the problem.

The Department initiated a research project to try and determine the magnitude of the stresses and strains which are developed in an overlay and to ascertain, if possible, the propagation patterns. The University of Arkansas Department of Civil Engineering was selected to conduct the study. Dr. Robert Welch was chosen as Principal Investigator. Due to the complexity of the electronic equipment, Dr. Charles Caldwell was enlisted to assist with the project.

In place measurements were deemed essential to understanding the true behavior of overlays. Many sensors were required to collect all information needed for a proper evaluation of the behavior under as many conditions as possible. These consisted of bison coils for measuring vertical and horizontal movement, diaphragm type strain gage pressure cells for measuring vertical stresses, thermistors for measuring pavement temperatures, and fiberglass element moisture cells with integral thermistors for measuring subgrade moisture and temperature.

Two interstate highways were being or planned to be overlaid at the time the project began. Three sites were selected on Interstate 30 at Benton and three on Interstate 40 near Forrest City. Sensors were installed during construction in predetermined patterns on top of each layer of the overlay and on top of the old pavement. Wires from each sensor were terminated beyond the pavement edge. At the sites in Benton, a junction box was installed behind the curb so that instruments could be more easily connected. Vandals cut and removed all wires at the pavement edge at the three sites on Interstate 40. Efforts to identify each wire to each sensor and reconnect the leads proved impossible. These sites were abandoned.

A Ford van was acquired and equipped with some rather sophisticated electronic instrumentation to collect and record the data collected from the sensors. The equipment is capable of collecting, conditioning and recording 50,000 bits of information per second. Instruments in the van (electronic data acquisition vehicle) are connected to the sensors through external junction boxes.

A small computer in the van is used for controlling the sequence of data collection and for entering necessary information not provided by sensors, such as site location, sets of sensors being monitored, data, etc. Information can be retained in the system and printed immediately on a thermal printer in graph form before being stored on magnetic tape. The magnetic tape storage is used for direct storage of data in IBM compatible format.

Dynamic tests were to be made four times per year so that data collected would cover seasonal variations in temperature and moisture. During the first half of July, the initial tests of equipment, sensors and methodology were undertaken.

One lane of Interstate 30 was closed from 9:00 a.m. to 3:00 p.m. on days tests were being made. Tape switches were installed across the lane before and after the sensor location one hundred feet apart. These switches provided test start and stop and allowed the computer to determine test vehicle speed.

Vehicles having various axle configurations and loads were driven across the sensors. An eighteen-wheel, van type, semitrailer and a single unit, single axle, van type truck were obtained from the Central Shops. A tandem axle dump truck was borrowed from the North Pulaski County Area Maintenance Headquarters. Other vehicles were the Research skid truck and the station wagon. Both van type vehicles were loaded with 55



gallon drums of traffic paint provided by the Traffic Division's Sign Shop.

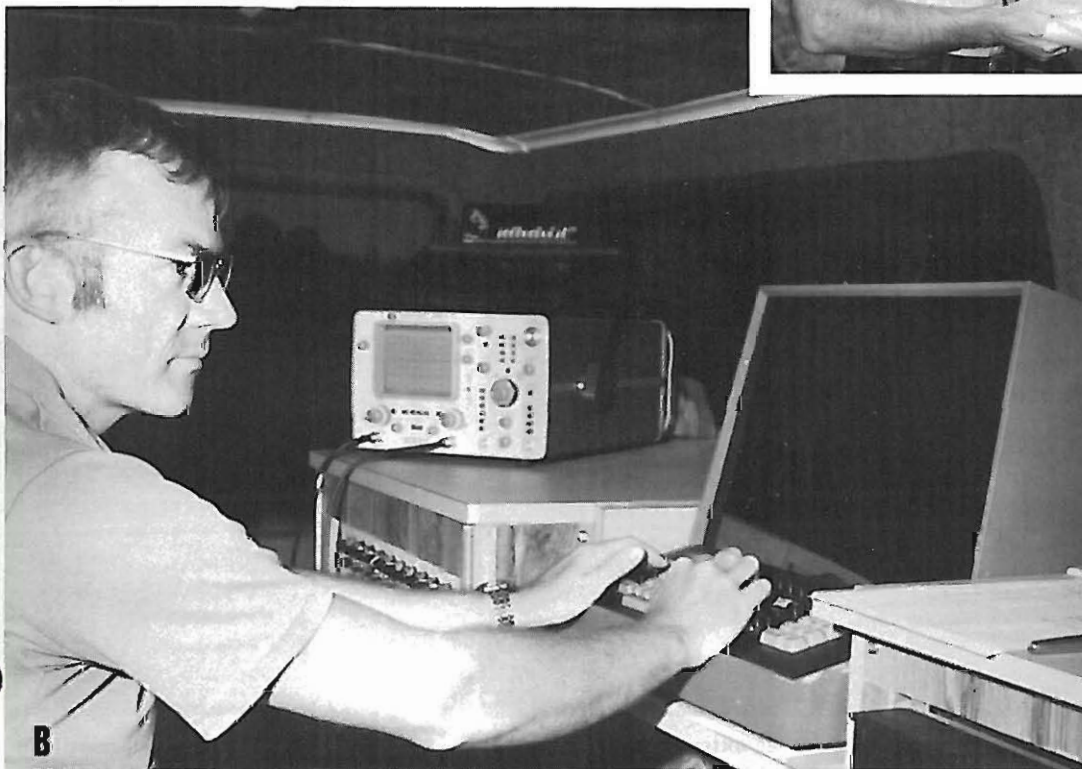
Saline County Area Maintenance crews provided and loaded gravel onto the dump truck for the tests. The skid truck was filled to capacity with water. No special loading was provided for the station wagon.

Each vehicle was loaded to capacity and driven across the test site at 5 mph, 25 mph and at the top speed attainable by the vehicle or 55 mph. Work on the Sevier Street Overpass restricted the distance available to attain higher speeds. After each set of tests were completed, the load was reduced, the truck re-weighed, and the test was repeated at all speeds.

As the vehicles passed over the test site, data was collected from the sensor along with vehicle speed. With the information obtained from known applied loads, correlations between stresses and strains and loads applied can be developed. Data plotted from these tests clearly show magnitudes of the stresses measured. Every axle of each vehicle can be distinguished from the others.

The four dynamic tests per year were planned to obtain data during extreme temperatures. The first series of tests certainly accomplished that. Some record high temperatures were experienced during the test period. With the ambient temperature "only" 104 degree F, pavement temperatures reached 146 degrees F. Later ambient temperatures reached 110 degree F and the temperature sensors embedded in the pavement reached their maximum of 150 degree F, and apparently sustained permanent damage from fatigue.

Dynamic tests will be repeated this fall, winter and spring. From all data collected, the amount of permanent deformation or displacement due to slowly varying factors will be determined. Information derived from this project is to be used in conjunction with results from other research to develop design criteria for asphaltic concrete overlays to prevent reflective cracking and prolong pavement life.



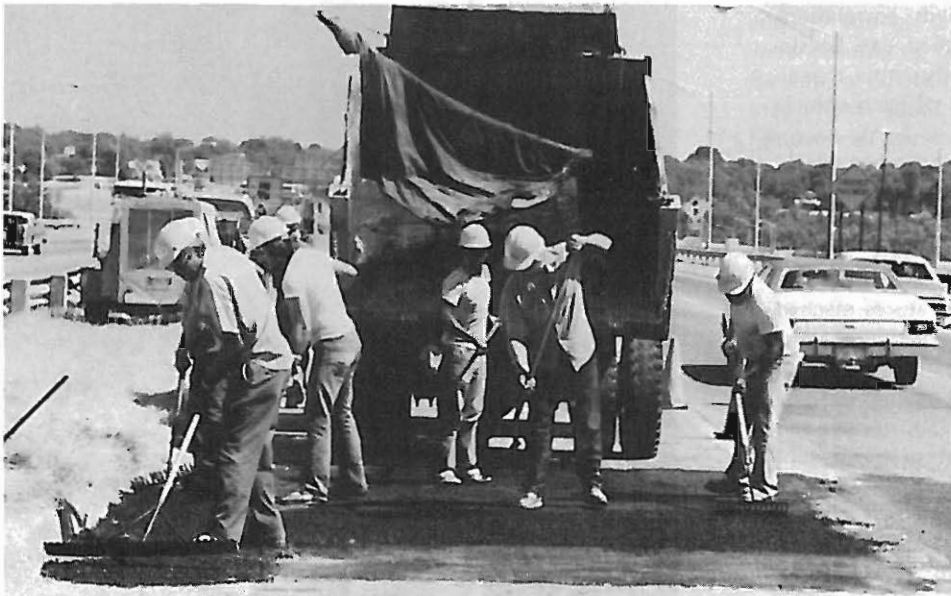
(A) Bob Kessenger, left, Research Engineer for AHTD, and Dr. Robert Welch, inspect test area on Interstate 30 at Benton.

(B) Dr. Charles Caldwell operates the computer located inside the van.

(C) Dr. Robert Welch connects cables to junction box located at the pavement edge.

(D) Bob Kessenber, left, and Dr. Welch, look over the data printed by the computer.

DEVASTATING DAMAGES



There was never a dull moment for maintenance crews. These workers rake asphalt as part of a patching operation.



The asphalt pavements across the state took a beating from the extreme heat and heavy truck traffic.

The Summer of 1980 will be remembered as one of the hottest summers in Texas history. The temperatures climbed steadily and reached the 100 degree mark by late July. When the summer was over, the temperatures were higher more days than not. In August, the temperature exceeded 100 degrees for 22 days and it did not stop.

As expected, the record heat took a toll on the highway maintenance budget. The state's highway maintenance budget was stretched to the limit.

Midway through the summer, the state's highway maintenance budget had soared to over \$12 million. In August, there were 10 blow-ups and more than 860 potholes were bleeding problems kept maintenance crews busy.

To make matters worse, the state's highway maintenance budget for 1980 was only \$11.7 million in emergency damage.



Bridge crews continued with scheduled maintenance, but were being called out to handle emergency repairs.

HEAT WAVE HIGHWAYS

Probably go into the record books all times.

into the high 90's in late June by the month's end. Before the temperatures had reached 100 degrees or more in July, the century mark was not reached below 90 degrees only one day. The heat wave brought many a headache for workers and made a big dent

in, heat-related highway damage, nearly 350 concrete pavement sections of asphalt pavement with settlement crews busy.

The Department learned in August that the Administration had rejected a request for funds to repair the heat related



Roadside thermometers flashed friendly reminders to passing motorists of just how hot it really was.



repairs, but often found themselves in difficult situations.



Pavement blow-ups, like this one on Interstate 40 near Morgan, became a common sight for motorists during the record heat wave.

LETTERS

June 9, 1980

Mr. Henry Gray
Director of Highways & Transportation
Little Rock, Arkansas

Dear Mr. Gray:

After traveling quite a bit for the past two years. I feel like an expert on parks and comfort stations.

We recently moved to Ash Flat, from Memphis, and what a pleasure it is to stop, maybe picnic, at the park on Highway 63, at Black Rock. It's always so clean and inviting, and your keeper there is so nice and friendly. I think I'll take him a pie on my next trip there. He's a jewel.

Sincerely,
Mr. & Mrs. Louis Patrick
Ash Flat, Arkansas

May 17, 1980

Mr. Henry Gray
Director of Highways & Transportation
Little Rock, Arkansas

Dear Mr. Gray:

The wildflowers growing in the median of the interstate between Little Rock and Arkadelphia-DeGray are such a delightful surprise and a pleasure to view. Whether by accident, resulting from fewer mowings, or by plan resulting from seeding, the end product is something to be proud of. I hope many other highways in the state become as attractive.

Sincerely,
Mrs. Carolyn Newbern
Little Rock, Arkansas

May 5, 1980

Dear Sirs:

My husband and I were in Arkansas recently and we stopped at a roadside park on Highway 65 right before you get to Dermott, Arkansas. I just wanted to write a little note to tell you how clean it was at this park. The restrooms were very sanitary and the lawn looked really nice. It is really a change to see clean restrooms and no litter. It is nice to know someone cares and whoever cleans the park deserves a lot of

credit. I hope you know the park I'm referring to, it is right out where Highway 65 and 165 intersects if I'm not mistaken. Anyway it is the cleanest park I have seen in a while. Keep up the good work.

Sincerely,
Mrs. R. Hickox
Burnsville, Mississippi

July 29, 1980

Mr. Bill John
Arkansas Highway Department
Highway 65 South
Pine Bluff, Arkansas

Dear Mr. John:

We appreciate the fine work and cooperation on the work you did on the highway ditches near Gethsamane.

If at any time we might be able to return the favor please do not hesitate to call on us.

Yours truly,
W.O. Percy
Farm Consultant
Simmons First Natinal Bank
Pine Bluff, Arkansas

Arkansas Highway & Transportation Dept.
District 2
Pine Bluff, Arkansas

To Whom It May Concern:

We recently were traveling thru Arkansas on our vacation and we stopped at many rest areas along the way, including the one at Highway 65 and 165 intersection between McGehee and Lake Village. We wanted to let you know how nice and clean the rest area was. It was, by far, the nicest and cleanest of all the places we stopped.

The restrooms were very sanitary and the grounds were very well kept. We also talked to the park attendant and he was very friendly and nice to talk to.

Just wanted to let you know that it is a very nice rest area, and it is very well taken care of.

Thank You,
Sincerely,
Mr. & Mrs. Andy Goodman
Olney, Illinois

July 2, 1980

Kansas Highway Department
District 6
Attention: Danny Flowers
Little Rock, Arkansas

June 19, 1980

Mr. V.O. "Jim" Selby
District Nine Engineer
Harrison, Arkansas 72601

Dear Mr. Flowers:

Dear Mr. Selby:

While traveling from Albuquerque, New Mexico, to Morgantown, West Virginia, we had the good fortune of stopping at a rest area several miles from Brinkley, Arkansas. The reason I say fortunate is because our car broke down as we entered the rest area. For two female senior citizens, this was catastrophic. One of your employees, Sue Berry, came and ask us what the trouble was. She then walked to find two other employees, Bill Morris and Tommy Lacey, who came to our rescue and discovered a cotter pin had come off the gas feed pedal. It was really a close area to work and to see as our car is small. It was pure genius, hard work, and good thinking because he put it together with a safety pin and directed us to the nearest service station (Brinkley) where we had it fixed.

Just a note to express our gratitude for the friendship and assistance given to Ron Weber and the rest of the team during the recent field investigation of the Jasper bus accident. Your help was essential to ensure the success of the National Transportation Safety Board (NTSB) investigation.

We wanted to give them a little something for their help but they said, "We are just glad we could help you and it is part of our job." So we want to commend you on your choice of employees because we know for a fact the above three people not only do their jobs well but perform beyond their regular duties. People like Ms. Berry and Messrs. Morris and Lacey make a good impression on visitors to your state.

Please express our thanks to the survey crew for their efforts to assist Ron. Their help saved us many hours of work and contributed to a more accurate scene documentation.

We congratulate you on the impressive facilities there at District Nine Headquarters. Ron commented that he had never seen a finer district headquarters. Ron very much appreciated the use of those facilities and I appreciate the hospitality extended to him.

Jim, I really enjoyed visiting with you and feel privileged in counting you among the several new friends made during our stay in Harrison. Please accept my thanks for all you did and please convey our thanks to all of your staff who assisted in the NTSB investigation in any way.

Please thank them again in our behalf.

Sincerely yours,
Thomas G. Calderwood
Investigator-In-Charge
National Transportation
Safety Board
Washington, D.C.

Sincerely,
Mary Jane Windel
Mildred Windel
Albuquerque, New Mexico

RETIREMENTS

MAY

- Vardmon W. Brewer Sign Shop
- Roy L. Gortemiller District 4
- Walter J. Shreeve District 4
- Newton J. Suitt District 2
- Frank McGill District 2
- James W. Robinson District 7
- Michelle Simmons Safety
- Arthur L. Butler District 8
- Albert R. McElroy District 3
- Jodie E. Waddle District 7
- Lushes O. Brents District 6

- C. Doyle Linam District 6
- Veron S. Hice District 4

JUNE

- Helen A. Butler District 4
- Robert D. Bonds AHP
- Selma B. Chavis District 2
- James T. Freeman District 10
- Sam C. McFadden District 1
- Lanie C. Quattlebaum District 7
- Roy E. Shelby Computer Services
- Kermit N. Smith District 6

- Cecil E. Butts District 10
- Claudis S. Mitchell District 5
- Quinton Morgan District 10
- William E. Short District 10

JULY

- Thomas R. Dewitt District 4
- Charles E. Kennedy District 8
- Edward Nissblatt District 2
- Burley Oglesby District 10
- Herschel S. Sloop District 7
- Granvel P. Townsend District 7

SERVICE AWARDS

JUNE 30 Years

Robert H. Mattox Surveys

25 Years

Netha C. Brown District 8
Warren G. Glenn District 10
James C. Kay District 1
Joe D. Magness Materials
Maurice W. Sims District 10

20 Years

Bobby G. Alford District 1
Charles H. Beard District 7
Melvin Brown District 10
Charles C. Danner District 2
George E. Griffis District 7
Frank M. Harrison Bridge Design
H. Grayson Page District 4
William H. Poston, Jr. District 2
Edwin H. Shinn District 8
Dale C. Spencer District 4

15 Years

Shirley J. Childress Right of Way
Paul R. Edwards Planning & Research
Hazel C. Harger Legal
Gary E. Jackson District 1
Ronald O. Johnston Right of Way
Legiena Kellar Planning & Research
Charles W. Lance District 4
Thedus L. Mitchell Right of Way
Quinton Morgan District 10
Joe L. Mott District 8

10 Years

Kenneth H. Beaton District 10
Warren A. Bledsoe District 6
Bobby J. Cornish Construction OD
Leartis Dansby District 3
Hubert E. Drummond District 7
John Hardwick District 3
Aron L. King District 7
John W. King District 5
Darrell G. Lackey District 9 HF
Charles W. Leker District 6
Charles W. McMillian District 8
Charlie Ogden, Jr. District 3
Jerry E. Poole District 5
Virgil A. Proctor District 8
Herbert W. Ross District 3
Jerry G. Rowland District 7
Oscar W. Rowland District 6
Grady L. Sherrill District 5
Jacob L. Weston State Aid
Bennie J. Winn District 5

5 Years

Carl L. Andrews District 1
Freddie E. Andrews District 1
Stanley R. Arocha District 4
Johnnie W. Ball District 1
Spencer E. Bruce District 10
Harold R. Callicott District 3
Stella A. Christman Planning & Research
William R. Clark Highway Police
Alfred W. Collins Environmental
Marvin F. Duncan District 5
Joe E. Foresythe District 10
Billy R. Haycraft District 1
Edward A. Hoppe, Jr. Planning & Research
Moran O. Lacy District 5
Charlotte A. Roberts Accounting

Marvin R. Sims District 9
James G. Tribo Construction OC
Samuel E. Turner District 10
Carlotta L. Vaughan Computer Services
John P. Yarbrough District 3
Ray F. Freeman District 5

JULY

30 Years

Derward C. Ashcraft Construction OE
Melvo J. Pledger District 2
Charles D. Rampley District 7

25 Years

Ralph Goodson District 4
V.O. Selby District 9
Thomas A. Stone, Jr. Construction OC

20 Years

Howell L. Allen District 8
Bobby Bradley District 5
John N. Faubus District 4
Lloyd Hall District 6
Roger C. Rice District 5
John A. Sage Bridge Design
Carl H. Sanders District 4
Andrian M. Young District 5
Edward L. Ferguson District 1

15 Years

Joe H. Bradshaw District 7
Bobby Calhoon District 3
Dewitt T. Cheek, Jr. District 1
George T. Cotten District 2
Johnny Crawford District 1
Robert A. Faulkner District 10
George G. Major, Jr. Roadway Design
Thomas W. Noble District 2
Jasper L. Riley District 1
Raymond M. Turner District 6

10 Years

Danny R. Adams District 6
Carl Allen District 9
Earl H. Baker District 8
Gene C. Bishop District 3
Lonnie G. Butler District 10
Howard H. Currie Traffic
Melvin H. Doherty District 7
Ben H. Green HB Maintenance
Willie M. Hogan Traffic
Billy H. Hunt District 4
Raymond E. Ivey District 6
Ted B. Journagan District 9
Robert E. Passmore District 9
Norman G. Rackley District 8
Richard G. Ramsey District 9
Orval D. Rice District 3
John E. Watkins Construction OC
Otis R. Wells District 9
Gerald W. Wood District 10

5 Years

Wayne D. Brandon Highway Police
Charles C. Caldwell, Jr. Highway Police
Terry A. Cutchall Highway Police
Donna G. Fowler District 9
Mickey D. Hargis District 7
Mickey W. Johnson District 5
Jerry R. Kinney Roadway Design
Tyler C. Nicholson Materials
Billy G. Parrish District 9
Carl D. Pierce District 7

Randy E. Reed Right of Way
Vernon M. Sanders District 1
Milton L. Sullivan Roadside Development
John R. Trawick District 7
John W. Wilson Surveys
L. Junior Durrrough District 10
Billy J. Young Computer Services

AUGUST

30 Years

Oscar F. Neeley HB Maintenance

25 Years

Charles Conine District 7
Alfred J. Courtney District 5
Charles W. McClusky District 5
Nathan D. Mefford District 4
James H. Tucker Maintenance

20 Years

Robert C. Baskin District 8
James E. Belknap District 1
James R. Davidson District 2
James H. Hamilton, Jr. District 4
Louis C. Mathis District 9
Frank A. Pitts Equipment & Procurement
Gary E. Wilmoth Computer Services

15 Years

John W. Bellar, Jr. Highway Police
William E. Boyd District 5
Shannie Crain District 2
Jarl C. Dodson District 9
Luther W. Dunaway District 10
Leon Edmunds Traffic
Kathleen P. Fortner District 4
Robert D. Mize Roadway Design
Otto B. Morton District 10
Elizabeth J. Neihaus Traffic
John Larry Rollins Construction
Jimmie E. Trost Surveys
Tollie R. Worsham District 5

10 Years

Gaylord E. Dart District 9
Mary Alice Dry Right of Way
Edward T. Fain Bridge Design
Kenneth Glover, Jr. Bridge Design
William D. Johnson Highway Police
Ellis G. Landers District 5
Odell Lewis, Jr. Planning & Research
James C. McLaughlin District 9
Connie D. Meyer District 4
Thomas R. Oglesby District 7
George L. Patterson District 4
Lonnie D. Sudbury District 4
Joe Edward Taylor District 9
Clifford L. Wright District 4

5 Years

Ivey V. Barnett District 3
Charles R. Carlton District 3
Timothy Everitt Daters Computer Services
George Derrick District 3
Leonard E. Grinstead Internal Audit
Victor E. Hanshaw District 10
Albert E. Helmert Surveys
Laura A. Hinze Environmental
Richard B. Ingram District 4
Rodney L. Landers Construction
Damon E. Launius District 7
Timothy Smith Traffic
Larry J. Spencer Planning & Research

Around the Department

ARKANSAS HIGHWAY POLICE

By The Staff

Picture here is Arkansas Highway Police Lieutenant W.L. Thompson with his great grandson Joshua Dean Dover who is one year old.



COMPUTER SERVICES

By The Staff

In June, Computer Services employees had a reception for Art Johnson honoring him for 25 years of dedicated service with AHTD. Presentation of his service pin was made by Dale Carter. Cake and punch were served to his many friends and fellow workers who came by to offer their congratulations. Also present was his wife, Gene.



Dale Carter and Art Johnson

Early in May, Dale Carter attended the AASHTO Convention on Computer Technology which was held in Madison, Wisconsin.

Tim Daters, Engineering Manager, attended Area II HEEP Conference on June 2-4 in Lexington, Kentucky.

Hope Coleman was married to Danny Robinson on July 5. Congratulations, Hope!

Carl Gaines, Christine Price and Robert were in National Guard Camp at Fort Chaffee for two weeks in July.

We would also like to congratulate Carlotta Vaughan for having completed 5 years of employment with the Department.

CONSTRUCTION

By The Staff

Vershall Roy's daughter, Margaret, worked as a cadet with the Explorer Scouts this summer at the zoo. She enjoyed working with all the animals, but decided the monkeys were her favorites. Each animal is called by its name and given individual attention.

On June 6, Ron and Sue Price welcomed their third child, a son, Russell Carroll, who weighed 7 pounds and 15 ounces.

Carra Bussa, son of Mike and Jane Bussa, graduated from the University of Arkansas with a BS in Computer Science and ranked 92 in a class of 712. Last summer Carra worked in Computer Services.

Destin, Florida was the destination of Cindy Allison and her family. They camped out in their trailer and enjoyed deep sea fishing, swimming and eating lots of fish and shrimp.

Elaine Smart joined over 50 of her relatives at a family reunion in Homer, Louisiana. She brought back some home canned tomato catsup and pickled squash and shared with us.

Our sympathy was extended to Doyle Carson on the death of his mother, Mrs. Velma Carson of North Little Rock. A gift was given to the Victory Missionary Baptist Church in her memory.

DESIGN SPECIALTY

By The Staff

Ed Short left us in July to work for the Department of Pollution Control and Ecology. We wish him well in his new job.

Mr. & Mrs. Don Potter celebrated their 25th Wedding Anniversary on July 9. Congratulations and we wish you 25 more happy years together.

EQUIPMENT MANAGEMENT

By The Staff

Congratulations to Doug Nielsen who was recently presented his 10 year certificate of service award from Maurice Head, Chief of Equipment and Procurement. Punch and cake were served to mark the occasion.



Doug Nielsen and Maurice Head

INTERNAL AUDIT

By Shirley Wesson

Internal Audit Section has recently employed two more auditors for their staff.

Vicki Lynn Lowry came to work for our section on May 15. She is a graduate of Ouachita Baptist University with a BA in accounting. While in college, she served on the finance committee for the Ouachita Student Foundation and was treasurer of Pi Kappa Zeta Sorority. Vicki is a very active member of Second Baptist Church in that she sings in the choir and is director and teacher of Youth III Sunday School. Her hobbies include handicrafts, cooking, backgammon and volleyball. Vicki is single and I would say a very good catch for the right young man.



Vicki Lowry

Randy Raunton came to work for our section June 26. He is a 1976 graduate of UALR with a BBA degree in Finance. He received a BS degree in accounting from UALR in 1978. Randy served in the Army from 1969 through 1972 as a Communications Platoon Officer for Pershing Nuclear Missile Battery in Germany. Girls, Randy is single and a member of Pulaski Heights United Methodist Church. His favorite hobby is jogging. We welcome both of you to our section.



Randy Raunton

MATERIALS

By The Staff

We have several new employees here in the Materials Division. We would like to introduce them to you.

Karen Dyer is 21 years of age and single. She recently transferred from Mail & Supplies. Karen lives in Malvern and likes any kind of sports and all kinds of music.

Tracey Higdon is one of our summer employees in the front office. She is a graduate of McClellan High School and attends UALR where she is an accounting major.

Tunney Dong is another of our summer employees and is working in R.C. Turney's section. He is an electrical engineering major at Memphis State University and is the son of Alice Dong who works in Bridge Design. The last two summers Tunney worked in Computer Services and the Sign Shop.

Paula McKinley is a graduate of Benton High School and will attend Ouachita Baptist University this fall where she will be a pre-med major.

Frank Allen is a new full time employee in the Basic Lab. In his spare time he is a furniture builder, gardener, and cattle farmer. He is also attended UALR where he is a civil engineering major. Frank is married and he and his wife, Robin, have 2 children, John who is 4 years old and Abana, age 2. They are also expecting a third child in November.

Steve Ledbetter is back for his third summer at Materials, this year working in the chemistry lab. Steve is a student at the University of Ark.

Hugh Battershell is also back this year and he, too, is working in the chemistry lab. Hugh is a chemistry professor at ASU in Beebe.

David Ward will be leaving in August to go back to school at UCA. David has been with us only a short while and we will all miss him in the Bituminous Design Section.

We want to wish all our employees who are going to further their education this fall the best of luck in everything they do.

Due to an oversight we failed to mention that C.A. (Barney) Phillips killed two turkeys in April, one weighing 22 pounds and having a 12 inch beard and the other weighing 12 pounds with a 6 inch beard. Great shooting, C.A.

Reggie McAlister recently returned from the 8th Annual Willie Nelson Fourth of July picnic.

PERMITS

By Angie Blackwell

Joe and Patricia Wheat visited her family in Rochelle, Illinois during July. They celebrated the Fourth with a big picnic.

Jeanie and Bob Kittler attended the National Square Dance Convention, which was held in Memphis, Tennessee June 25 - 27. There were over 27,000 people who attended. The Arkansas State Convention was held at the Camelot Inn on July 25-26. Jeanie and Bob belong to the Twirling Lariats in Little Rock.

During June, my mother and I visited my brother who lives in San Francisco.

Terry Nanney will be a new Papa in late November or early December.

PLANNING & RESEARCH

By Larry Newman

We would like to welcome two employees to our Administrative Section. Although they are new to our section they are not new to the Department. Becky Galyean transferred from Equipment & Procurement and Libby Lakin transferred from Right of Way. They are filling two positions opened when Sharon Prince and Doris Griffin left to become section secretaries in Safety and Public Transportation respectively. Becky and Libby - we are happy to have you with us.

Bryan Davis and his family enjoyed a vacation this summer at the beaches in North Carolina. We know they had a great time.

The Mapping Section was featured on McCords of Arkansas television series, Channel 2 ETV. The 15 minute episode was shown on Saturday, July 26 and on Sunday, July 27.

Charles Frazier, Section Head of Mapping and Graphics, was the narrator. The evolution of the state highway maps was highlighted from the beginning, 1924 up through the present 1980 map. Innovations in map changes were discussed (e.g., folding, interstate strip maps, four color printing, size of map) and examples were shown.

The process of county mapping was also covered. The new method of updating the maps by photo interpretation was discussed. The television camera covered several employees in the various areas of mapping.



May was a special month for Marlin Powell, Assistant Section Head of Mapping and Graphics. Marlin completed 30 years with the Department. The Mapping and Section honored the occasion with cake and refreshments. Pictured are Charles Frazier, Section Head-Mapping and Graphics; Marlin Powell, and Bryan Davis, Division Head-Planning and Research.

Also receiving service awards in the Mapping Section were Stella Christman and Paul Edwards. Stella has been with the Department for 5 years and Paul has 15 years of service.

Statewide Planning would like to welcome four new employees to its section. Steve Alexander, Urban and Regional Planner, joined our staff after graduating from Memphis State University in May. He is a native of Wilson, Arkansas and was married on July 12.

Ed Rinke, a native of Clarksville, joined us after receiving his BSCE from the University of Arkansas at Fayetteville in May.

Jon Waldrip, Transportation Planner, transferred to us from Public Transportation.

Van Hale, a recent graduate from Memphis State University in Civil Engineering, joined our Engineering Staff. He is a native of Memphis.

Monica Johnson, daughter of Ed and Sunny Johnson, and Kenneth Starnes were married in the First Baptist Church of McGehee on Saturday, May 15. After a honeymoon in Florida, the couple will be at home in McGehee where Ken is a farmer and Monica teaches home economics.



Mrs. Kenneth Starnes

Carl Harrell of our Rail Section, celebrated his birthday on June 24. I think we enjoyed it more than he did. You should have seen his face when the singing telegram dressed in black shorts and fish nets arrived from his wife!

Congratulations also to Skipper Bosley, Section Head of Finance and Economics, who was recently presented his 10 year pin and certificate by Bryan Davis. Refreshments were served in honor of the occasion.



Bryan Davis and Skipper Bosley

Debbie Barclay's daughter, Ginie Standard and Ginie's stepsister, Alisa Standard, each won first place in a recent AP&L art contest. Ginie won first place in the 1-6 year old age group watercolor category and Alisa won first place in the 12 year old age group, mix media category. Debbie works in Technical Services.

We would like to welcome Yvonne Reeves to Technical Services. Yvonne and her husband Bob, reside in Southwest Little Rock. She previously employed by Union National Bank for 20 years before deciding to devote a few years to homemaking and then returning to work.



Ginie and Alisa Standard

Alton Beck and his wife, Hazel, heard wedding bells on June 14 when daughter Sherry became Mrs. Mike Walls. From what we have heard the newlyweds spent two glorious weeks in Hawaii. Best of luck to Sherry and Mike.

Legiena Kellar has two events to be proud of this year. Her first grandchild was born on February 8. Christopher Ray was indeed a bouncing baby boy weighing 7 pounds and 7 ounces and is the pride of Legiena's son, Ray and his wife, Suzanne. In June, Legiena completed her 15th year at the Highway Department. We congratulate Legiena on the birth of her grandson and salute her for the fine job she has done for the past 15 years.



Christopher Ray Kellar

PROGRAMMING & SCHEDULING

By Meribeth Adney

We would like to welcome Ed Hoppe to our office. Ed transferred to us this summer from Planning and Research. He is a registered professional engineer and will be responsible for program development. Ed's transfer was followed by the death of his mother and the birth of his first child, Richard Neal, in June. His wife, Celeste, and Neal are both doing well and have been to the office for a visit. Ed is a very proud Dad and certainly has a good reason to be.

Chuck Freeman and his wife became grandparents this summer. Van and Jean Freeman

had a little girl, Megan, born June 15, Father's Day. Megan made an orderly arrival and managed not to inconvenience anyone. Very lady-like. Congratulations to all the Freeman family.

Dan Morgan's son, Brooks, was selected to play third base on an American Legion All-Star baseball team for 16 year olds. Dan and Brooks have been very involved in sports for some time, with Brooks playing and Dan coaching over a ten-year period.

We would like to thank Dana Yeatman for all the help she provided in the office this summer. She is returning this fall to the University of Arkansas at Fayetteville to complete her studies for a degree in Marketing.

PUBLIC TRANSPORTATION

By The Staff

We would like to welcome two employees, Doris Griffin and Mike Webb, who transferred from Planning and Research. Doris replaces Jane Puckett as section secretary. Jane preferred the full-time housewife and mother role. Mike Webb is now Assistant Transit Administrator, replacing Dale Gossien who transferred to Materials.

Kerry Nichols and Susan Ishmael are home with little ones. Kristin Elizabeth Nichols was born June 20 and Brooke Erin Ishmael arrived July 22. Kerry and Beth have been out to visit a couple of times.

James Sanders, Jon Waldrip, Brenda Kirkpatrick and Jim Head have taken vacations. The Sanders' visited in North Arkansas and Missouri. The Waldrips enjoyed a marvelous but too-short trip to New York, Niagara Falls and up into Canada. The Head's are at Disney World as of this writing. Brenda opted for a leisurely week at home.

Betty Wiggins attended her 40th high school class reunion at Tulsa in early June. She said that of the 1000 graduates, 160 are deceased. Of the remainder, 360 attended the four days of activities.

Dan Telford directs a vocal ensemble of young adults at Calvary Baptist Church. He and the group are enjoying performing at other area churches.

Sheila Baugh was a member of her brother's wedding party in New York in June. She said it was in the traditional Italian custom, complete with lots of food, family and festivities for an entire weekend.

Claude Roberson, who is recovering from one heart surgery and awaiting a second, visited briefly in the office in early June.

RIGHT OF WAY

By Shirley Childress

The Right of Way Division held its annual fish fry at the Lakeside Country Club on June 21. Everyone had a real good time eating and visiting. We were all very happy that several of our retirees and their wives attended. Retirees attending were Bryan McArthur, Norman McLeod, Charlie Scott and Fred Sloan. A special thanks to Glendol Jackson and Nathan Garrett who did the cooking and to Juanita Garrett for the delicious cake.

Nathan Garrett and Jim Bartlett were honored with a reception on June 6 in recognition of their years of service with the Highway Department. Nathan, a negotiator in the Acquisition Section, has been with the Depart-

ment for 25 years. Jim, Assistant Chief in the Utilities Section, has been with the Department for 20 years. Special guests at the reception were Nathan's wife, Juanita, Jim's wife, Wyonna and Jim's sister, Sue Bartlett. This was the first time for many of us to meet these lovely ladies and we were very happy to have them celebrate this occasion with us.



Nathan Garrett and Jim Bartlett

Engineering Section

By Linda Lewis

Fred Williams' daughter Karen, age 17, has been elected First Lieutenant of the Little Rock Central High School Hi-Steppers drill team. This will be her second year on the squad. She is a senior and has also been nominated for Who's Who among American high school students.



Karen Williams

John Kendrick is the newest member of our section. He is a native of North Little Rock and a graduate of North Little Rock Old Main High School. He is single and his hobbies are bowling and golf.

We want to give a warm welcome to Linda Coogan who recently transferred from the Appraisal Section. She replaces Robin Hogue who left to take a job as a housewife and mother.

We also had several marriages in the last few months.

Don Mitchell was married to Vicki McCraw, daughter of Mr. & Mrs. J.E. McCraw of Sherwood. They were married April 18 at the Victory Baptist Church in Sherwood. After their honeymoon in Hot Springs and Fairfield Bay, they will be living in North Little Rock.

Linda Coogan married Randy Lewis of the Appraisal Section on June 28 at the Old Mill in North Little Rock. Randy and Linda spent their honeymoon in Nashville, Tennessee and

are now making their home in Little Rock.

Tim Robertson and Lisa Rash were married on July 6 at the Bald Knob Methodist Church in Bald Knob. After their honeymoon in Florida they will make their home in Bald Knob.

We would like to wish these couples good luck and a very happy life together.



Mr. and Mrs. Don Mitchell



Mr. and Mrs. Randy Lewis



Mr. and Mrs. Kim Robertson

ROADWAY DESIGN

By The Staff

Changing seasons have brought fair weather as well as foul to Roadway Design. One of the bright spots has been the work of three summer employees. Chris Watt, a sophomore engineering student at Vanderbilt, has been working with Paul DeBusk in the Urban Design section. Van Jenkins has been working with Bob Mize in Primary System Design. Van will be a sophomore at the University of Arkansas, School of Architecture this fall. Lisa Dalton, an English major at Oklahoma Christian College, has been helping Shirley Bain in the office.

Less bright is the loss of two of our employees from the division. Betsy Kimmel transferred from Roadway Design to Traffic Division in the spring, and Carvell Futrell began working for the Corps of Engineers in July.

Losing two, we gained one new employee. Kelly Vanlandingham graduated from Hall High School in 1979 and studied one year at UALR. Kelly comes to the Highway Department with three years experience as a drafter and surveyor for Air Maps, Inc. He is working with Dick Seigler in Secondary System Design.

Other events have brightened the atmosphere in the division. Pat Thompson's daughter, Kim, married Jeff Easterling on May 17 in Little Rock. Kim and Jeff both graduated from Mississippi State University on May 9. Jeff is employed with the Forestry Commission in Little Rock.



Mrs. Jeff Easterling

Steve Powers, who works in Bob Mize's section, married Susan Jones on April 30. Many people will remember Susan from Personnel. She is now working with the Veterans Administration.

Shirley Bain's daughter, Angela, graduated from UALR in May with a BS in Industrial Management. Angela is employed by the Little Rock Water Works.

When the summer employees return to their various schools, Paula Adams, a drafter for Frank Hutchinson, will be with them. She is enrolling at UALR as a full time night stu-

dent. Paula hopes to complete a BS in mathematics in two years. Unlike the summer employees, she will continue to work at the Highway Department during the day.

SURVEYS

By The Staff

Congratulations to Bob Mattox, Division Head for Surveys, for completing 30 years of service with the Highway Department. He received his service pin from Charles Venable, Assistant Chief Engineer for Program Management.



Charles Venable and Bob Mattox

Photogrammetry Section

By Sue Walls

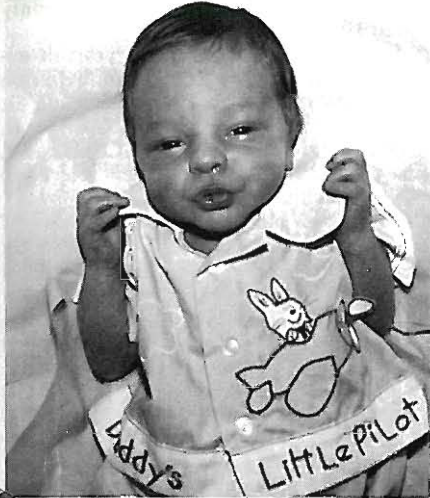
Roger Taylor left the Highway and Transportation Department for greener pasture. On June 25, his last day, we gave him a farewell party. There was a luncheon at noon in which all of the employees in Surveys and Photogrammetry participated. Charles Venable was on hand to wish Roger "good luck" and we all enjoyed the delicious meal prepared for the occasion. Ferrall Adams presented Roger with a lawn mower from his friends and fellow employees from the Highway Department. In the afternoon, cake and punch were served to his friends who came by to wish him farewell and good luck. We will all miss Roger very much and hope he will drop in to visit us occasionally.



Roger Taylor

Congratulations to Larry Fenton, who is now Section Head of Photogrammetry. Larry has been Roger's assistant for several years, so we know he will do a good job.

Jason Randal Crossland surprised his parents, Randy and Beverly, by arriving a month early. He was born June 2 and weighed 6 pounds and 15 ounces. Randy is in charge of taking orders for aerial photographs and plotting the aerial film. He says that he has had quite a few sleepless nights since Jason arrived, but you can tell that Randy is a very proud Daddy. Congratulations to Randy and Beverly, you have a good-looking son.



Jason Randal Crossland

Farrell Adams' youngest son, Michael, had surgery recently. He was in Intensive Care for a few days, but after he was put into a room, he was up walking around in no time. Wouldn't it be nice if everyone could get over their surgery that quickly. Farrell's oldest son, Travis, played on the Union National Bank Teeny League team this summer. Farrell is very proud of Travis and his team; they won second place in league play and first place in pre-season play. Congratulations, Travis.



Travis Adams

TRAFFIC

By The Staff

We would like to welcome Gale Greene to our division. She is working at the Sign Shop as an Accountant. Gale graduated from UCA where she majored in accounting. She is 23 years old, single and has recently moved from Hot Springs to Little Rock. Before joining us at the Sign Shop, she worked in Retirement and Accounting. Gale likes to listen to music and loves to dance. Welcome to our division, Gale.

We would also like to welcome Betsy Kimmel. Betsy graduated in 1978 from the University of Arkansas at Fayetteville with a major in art. She is 24 years old and her hobbies are swimming, tennis, judo, going to school (!?!), and drawing. Glad to have you with us Betsy!

Charles Rain will be leaving the Department September 3 to begin classes at Memphis State. Charley will receive his degree in Civil Engineering in one year. Best of luck Charley! By the way, Charley and his wife June, bought a new economy car for Charley to drive to Memphis - a 1980 Pontiac Trans Am! That's economy? One good thing came out of the deal, Charley got the new car and June got the new payments! How's that for a good deal?

We have enjoyed having Janet Lewis as our summer employee this year. She has been working in Traffic Safety. Janet graduated from McClellan High School and will be attending UCA this fall. We hope to see you next summer, Janet.

Laura and her husband Tommy Pifer are so proud of their 4 month old daughter Christi that they wanted to show her off. Isn't she adorable?



Christi Pifer

DISTRICT ONE

By The Staff

Employees of District One said goodbye to Leonard Roberts, Job Superintendent, at a fish fry on June 20. Leonard, a native of Wynne, was employed February 4, 1946, as a laborer at 50 cents an hour. Working a total of 34 years, he was made Job Superintendent in 1955, and retained that title until retirement. He supervised a districtwide construction crew and has earned the respect of many highway employees who have worked with him over the years. Approximately 150 fellow employees turned out for the fish fry at which time his crew presented him with a gift. He received a watch from a number of the districtwide employees.

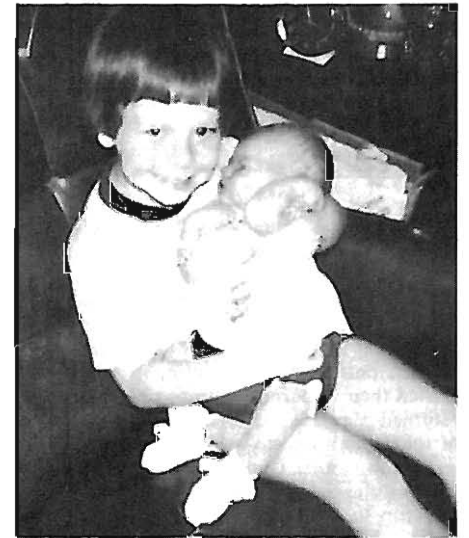
Also attending the fish fry were his wife, Clara, his daughter, Phyllis Latham, son-in-law Clinton Latham, and granddaughter Bridget. Leonard will be missed and we wish him the best of luck.



Leonard Roberts receiving gift

David McFadden of Brinkley, Area Foreman of Monroe County, will be returning to the District to assume the duties of Job Superintendent in the vacancy left by Leonard's retirement. David and Brenda, his wife, are originally from Hickory Ridge, so they will actually be returning home. We will be glad to have them in this area again.

Kevin and Debbie White are the proud parents of a new baby girl, Keri Rae, born June 9, at Crittenden Memorial Hospital. Keri weighed 7 pounds and 14 ounces. Waiting the arrival of Keri's homecoming was her big brother, Jodie, age 5. Both Kevin and Debbie are employed by the Highway Department. Kevin is a mechanic at the District One Headquarters and Debbie has recently been promoted to Field Clerk at the Forrest City Resident Engineer's office.



Jodie and Keri Rae White

DISTRICT TWO

By Bettye Carter

By the time this news comes out we will wonder how we survived the "Summer of 1980". It has been one for the records.

Our District Engineer, M.S. "Sam" Smith, and his family have been super busy for months. Mr. Smith recently received his Master's Degree in Engineering from the University of Arkansas at Fayetteville. For the past three years he has been attending night classes at the Graduate Institute of Technology in Little Rock to fulfill the necessary requirements and on May 17,

1980 received his graduate diploma. We are really proud of his determination and success!

Also receiving a Bachelor of Science Degree in the same commencement exercises was David Harrell Smith, son of Sam and Mary Virginia Smith. David plans to continue his education this fall at the University of Arkansas. Congratulations are also in order for their daughter, Leslie, who was married July 5, to Ted Belden, of Jacksonville. The couple is living in Fayetteville where he is completing requirements for a Bachelor's Degree in Architecture and will be working on a Master's. Best wishes in the future to the new couple.



Mrs. Ted Belden

For the past four years, Dodie Dolen, our District Secretary, has had a son stationed at Elmendorf Air Force Base in Anchorage, Alaska. Ken Dolen fulfilled a dream during his last leave from the base by joining ten others in a climbing expeditions of Mt. McKinley, the highest point on this continent. The group started their wilderness journey on April 15 and returned May 13, having turned back just short of the summit due to a 195 degree below zero windchill factor. Dodie and her husband are anxiously anticipating a 25th Wedding Anniversary trip to Alaska this summer where they will see Ken's slides and listen to the first-hand account of his many "chilling" experiences.

On Saturday, May 31, Dewana 'Dee' Taylor and Alan Gober were married in the sanctuary of the Emmanuel Baptist Church in Malvern. The candlelight ceremony was performed by Rev. Gary E. Woodard, pastor of the First Baptist Church in Sherrill, Arkansas where Mr. Gober is Minister of Music.

Serving her sister as Matron of Honor was Barbartha Whorton, and bridesmaids were Ann Mauldin, sister of the groom, and Brenda Bittner.

Entering the sanctuary on the arm of her father, Dee wore a candlelight gown of bridal satin and silken organza, featuring appliques of Alencon lace and tiny seed pearls. The cuffed Bishop sleeves were accented by complimenting

appliques and pearls, as were the sheer neckline and train of her gown.

The chape length veil was secured by a tiara cap also covered with Alencon lace and pearls.

After a honeymoon to Nashville, Tennessee and Dallas, Texas, the couple is residing in Pine Bluff. Dee transferred to District Two as District Receptionist and Alan is employed as an accountant at Baird, Kurtz, and Dobson, CPA.



Mr. & Mrs. Alan Gober

Shown in the pictures are the children of Danny and Joy Lawson of Wilmar. Their daughter Kerri is 3 years old and the newest addition is their son Wesley, born November 19, 1979. Danny is the station attendant at the Drew County Headquarters in Monticello. Congratulations on such a fine family!



Wesley Lawson



Kerri Lawson

We would like to extend our sympathy to Leon Cronch, station attendant in Ashley County, upon the recent death of his father, Mr. Arthur Cronch.

Congratulations to our employees who have received service awards recently. They are A.D. Ford, Equipment Operator II in Lincoln County and James Sinks, Senior Mechanic at the District Shop in Pine Bluff who received 5 year service awards. Louie Conner, Equipment Operator II in Jefferson County; Earl Raines, Assistant Resident Engineer at Pine Bluff; Henry Harden, Laborer in Chocot County; Daniel Richardson, Equipment Operator I and Leodis Langston, Equipment Operator II of Desha County; and Melvin Phillips, Equipment Operator II in Drew County received 10 year awards.

Those receiving awards for 15 years of service were Victor Brown, Signman, Jefferson County; James B. Smith, Ferry Boat Pilot, St. Charles; Jeffie Burnett, Equipment Operator II, Drew County; Johnny Yelvington, Crew Leader, Desha County and Bill Black, Senior Mechanic in the District Shop.

Those receiving awards for 20 years of service were William Poston, Jr., Foreman for the St. Charles Ferry and Charles Danner, Lead Person, at DeWitt.

Quida Grimes, Bookkeeper for District Two, received her 25 year award with a get-together at the District Headquarters.

Edward Nissblatt, Storeroom Supervisor at the District Headquarters retired after 18 years of service. "Sarge" as he was better known to his fellow employees, was honored on June 6 with a small get-together at the District Headquarters. It was a pleasure as always to visit with his lovely wife, Mozelle and their niece Barbara and her son. Sarge is a native of Patterson, New Jersey and served in the U.S. Army for 21 years retiring with the rank of Chief Warrant Officer in 1957. Starting to work as a Mechanic at the District Shop in 1962 and advancing to Assistant Stockroom Supervisor in 1965. He was promoted to Storekeeper in 1968. We know he will be busy with his family of pets and his gardening. We hope that he will come back and visit often and enjoy his retirement years.



Sam Smith and "Sarge" Nissblatt

We would like to welcome Hellen Kennedy as our new stock clerk in the District Stockroom. Hellen is married to David Kennedy, an employee of International Paper Mill. They have two daughters, Tracey, age 9, and Ashley, age 7. Hellen is a graduate of Dumas High School. She is a charter member of the American Business Women's Association in Pine Bluff and is currently serving as treasurer of DuBocage Chapter. Her hobbies are skiing, knitting, and shopping.

It is a pleasure to have Hellen working with us.



Hellen Kennedy

We are also happy to have three summer employees working with us this year. They are Patricia Jones, Monty Palmer and J.J. Leopard.

Patricia is married to Emmett Jones, Sr., an employee of International Paper Mill and they have a daughter, Shareca Shunta', age 6, and a son, Emmett, Jr., age 16 months. Pat is a senior at the University of Arkansas at Pine Bluff where she is majoring in Business Education.



Patricia Jones

Monty Palmer is a senior at Pine Bluff High School where he is a fullback for Pine Bluff High's Fighting Zebras. This is Monty's third summer with District Two.

J.J. Leopard is the son of Jimmy Leopard, an Equipment Operator in our shop. He is a senior at White Hall where he is a football player for the White Hall Bulldogs playing defensive end and center.

We have enjoyed Pat, Monty, and J.J. while working in our district and we wish them luck in the future!



J.J. Leopard and Monty Palmer

DISTRICT THREE

By Vinie Holt

Congratulations to the following for their years of service with the Department: H.R. Callicott, Joey Waddle, J.P. Yarbrough and J.C. Tolleson for 5 years; Debra Eaton, L. Dansby, J.T. Hardwick, C. Ogden, Jr., H. Ross and A.J. Moses for 10 years; Roy M. Wilson for 15 years and J.W. Barham for 25 years.

Pictured are Pam Mitchell and Robin Davis, two Hope majorettes who won first place trophies in the Oil Belt Twirling and Dance Festival at Stamps. Pam, daughter of District Engineer and Mrs. Charles Mitchell, was first runner-up in the best costume contest and also won two first place trophies for a military solo and a dance twirl routine in the senior division. Pam received the highest award of the festival when she won the twirl-off, a contest among the finalists.



Pam Mitchell and Robin Davis



W.C. Beck and family

W.C. Beck, Hempstead County Area Foreman, his wife Jean and their daughter and son-in-law, Dr. & Mrs. Herbert Littleton and children Brad and Beth, have just returned from a vacation in Mississippi, Alabama, Georgia and Florida. They visited several points of interest such as the Civil War Battleground and Cemetery at Vicksburg, Miss. They had dinner in the "Old Southern Tea Room" at Vicksburg. In Mobile, Alabama they toured Bellingrath Gardens and saw acres of the most beautiful flowers, and also toured the World War II battleship "Alabama." They enjoyed the swimming and beaches at Destin, Florida and went to Circus World and saw the circus and also

watched orange groves being harvested at Orlando, Florida. They spent two days at Kissimmee, Florida where they went to Disney World, saw the electrical parade and fireworks exposition. On to Daytona Beach where they enjoyed the beach and drove to Marine Land for a tour of the park and watched the porpoises put on a show. From Daytona they went to Atlanta, Georgia and on to Gainesville where they visited an old Army buddy of Dub's from World War II whom he hadn't seen in about 10 years. After a short visit and dinner they returned home, tired but happy.

John Parks, parts runner in the District Shop, and his wife have a new baby girl born July 9, 1980. Stephanie Michelle weighed 6 pounds and 11 ounces. John and Charlotte have a son, Ronald Wayne, who is two years old.

W.C. Beck, Hempstead County Area Foreman, would like to show off his new grandson, Russel Wayne "Rusty" Beck. Rusty is three months old and is the son of Carol and Kathryn Beck.



Rusty Beck

We would like to welcome Pam Haynie back to the District Office again this summer. Pam worked in the office with us last summer and we are happy to have her back. Pam is a student at the University of Arkansas and she will be leaving us soon to return to college.

Hope Residency

By The Staff

Helping in the office this summer is Karen Hale. Karen, who lives in Emmet, is a student at Southern Arkansas University at Magnolia. She has certainly put in some long, tiring hours checking daily reports, typing, etc., and we want to thank Karen for helping Buster and me through a very busy summer.



Karen Hale

Tyrone Moody and Scott Martin were hired as temporary employees for the summer season. Tyrone is from Emmet. He has really worked some long, hot hours doing inspection work on the interstate projects.

Scott recently graduated from Hope High School. He has been working in the survey party. He, too, has experienced some rather warm working hours this summer. We want to thank Tyrone and Scott for their help, as we could not have made it without them.



Scott Martin

Larry Rhodes returned this summer to help on the railroad underpass job. Larry is a student at Southern Arkansas University. He was employed by AHTD last year.

Pam Wright, a student at University of Central Arkansas at Conway, worked at the scales at the asphalt plant and checked tickets. Pam also found out what long, hot working hours were all about, as she worked approximately 10-12 hours per day.

Summer employees and temporary employees are always a relief to those who have worked hard all year, and we want to thank each of them for their eagerness in helping us during the summer months.

DISTRICT FOUR

By The Staff

District Four has just recently finished rearranging offices at the District Headquarters and nearly everyone has moved to a different room. It could be rather confusing to find someone if you haven't been by for a visit lately. The District Bridge Crew did an excellent job of moving walls and putting up paneling.

Larry Elder in the District Bridge Crew bagged his second turkey at Cass, Arkansas. It weighed 22 pounds and had a 12 inch beard.



Congratulations to Charlie Moore and Harold Anderson for receiving their service awards. Charlie, an equipment operator in the Springdale Crew, was presented his 10 year pin by Don Jennings.



Charlie Moore and Don Jennings

Cake and coffee were served when Carl Sanders presented Harold with his 15 year service certificate. Harold is an instrumentman in Jack Coleman's Residency.



Carl Sanders and Harold Anderson

Debbie Moore and husband David are the proud parents of a baby girl. Brooke Allison Moore arrived May 30, 1980, weighing 6 pounds and 7 ounces. Debbie is the payroll clerk at the District Office.

We were saddened by the loss of three retired employees and wish to extend our sympathy to the families of Charlie Dalmut, retired equipment operator in the districtwide betterment crew; J.D. Woolsey, retired bridge job superintendent; and Nelson Keller, retired welder in the District Shop.

Springdale Residency

By The Staff

Summer is here and we've been hearing lots of good fishing stories.

Jim McConnell, Engineering Assistant II, reports that March 30 was his lucky day. Jim won the Huntsville Bass Club Championship for the most pounds of fish caught during 1979. His biggest fish during the tournament weighed 5 pounds and 13 ounces. That same day, Jim and his wife, Ewelene, became grandparents of a 7 pound, 10 ounce baby girl. Abby Lynn is the daughter of Mr. and Mrs. Lanny McConnell of Huntsville.



Abby Lynn McConnell



Jim McConnell



Andrea Leigh Alder

Congratulations also to Mr. and Mrs. Kandy Alder on the arrival of their first child, Andrea Leigh. She was born July 9 and weighed 6 pounds and 13 ounces and was 20¼ inches long.

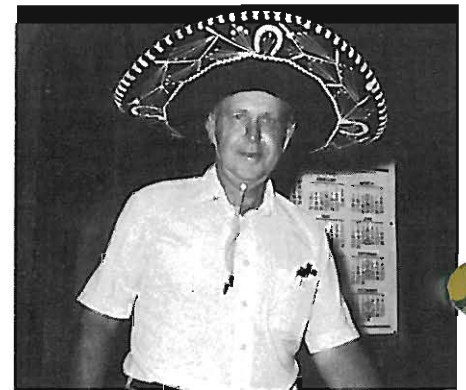
Best wishes to our newlyweds Mr. and Mrs. Bill Hutton. Bill and the former Debbie Tate were married May 24 at the Chapel of the Cross Church in Fayetteville. Bill is an Engineering Aide I in our office.

We welcome four University of Arkansas students to our ranks for the summer. They are Mike C. Benson, Jim P. Jeffries, Tim W. Scott and Tracy E. Womack.

DISTRICT FIVE

By Marilyn Coffman

We have all been open for suggestions on how to beat the heat! Orville Schales, job superintendent, is wearing loose clothing in the picture, but I'm afraid he has the wrong idea of what type of hat to wear in the sun, or maybe Orville is trying to shade his bridge crew.



Orville Schales

Congratulations to Becky Crabtree who was married to Todd Engles on June 27, at the Emmanuel Baptist Church in Southside. Todd is in the U.S. Air Force and taking his basic training at Lackland Air Force Base in San Antonio, Texas. Becky is working as a summer employee for the AHTD.

Gina McSpadden was married to Steve Wingo on July 12, in the Bethesda Methodist Church. Best wishes to Gina and Steve. We hated to see her leave the Department, but wish her the best in her new role as a pastor's wife at the Bono Methodist Church.

The little cuties in the pictures belong to Ernie Martin our shop foreman. Marty Charles Melton, is 8 months old, and the son of Ernie's daughter Collette and Marty Melton. Brandi Martin is two years old and the youngest of five children of Earnie and wife Bula.



Marty Charles Melton



Brandi Martin

We are really enjoying our summer employees and will hate to see them leave. Keith Provence is an art student helping in the shop. We were grateful for his presence on Friday, July 18, when a storm took us by surprise and removed the shop roof here at the District Headquarters. Our trained "Cloud Watchers" were out in the district and us girls ran up and down the steps to the basement. We hope to be more organized during the next storm.

The Bateville Engineers appreciate the work of Civil Engineering students David Hutchison and Mark Brightwell. Also, Mark Pillow and Bill Bradberry, summer students from Arkansas

State University.

Several employees have been on vacations, but I have been unable to find out the details. I enjoyed a week in Fort Walton Beach, Florida. I would highly recommend it to anyone.

Paul and Fran Matthews are the proud parents of a baby boy, Joshua Paul, born May 3, weighing 8 pounds and 4 ounces. Paul is the stockroom supervisor at the District Headquarters. Congratulations to Paul and Fran. Bring us a picture for our next issue.

Bill Weaver, Sharp County Area Foreman, is proud of his new 7 pound grandson, Jeremy Don Porter, born July 8. Bill is sharing a picture snapped on one his daily visits to see Jeremy.



Bill Weaver and grandson Jeremy

DISTRICT SIX

By Al Kisner

We pass on our deep felt sympathy to the family of Mr. I.H. Nute on the passing of Mrs. Lillian Nute.

Lisa Bagley, 16, daughter of Joe and Lucille Bagley of Benton attended a week long program in June at Washington, D.C. The program "Citizenship Washington Focus" is designed to help young people understand the structure and function of our system of government, heritage, development and prepare plans for active citizen involvement at home. While in Washington, Lisa met with members of Congress and saw our government in action. This visit was made possible by the National 4-H Council.

We would like to congratulate the following men on their service to the Highway Department. Pins and certificates were presented to Warren A. Bledsoe, Charles W. Leker, Oscar W. Rowland and Ivory L. Jackson for 10 years; L.O. Brents, 15 years; Johny P. Cheek and Dean F. Gray for 20 years; Edward F. Small, Jerry Perdue and David L. Harding for 5 years of service with the Department.

James and Otty Newcomb are the proud parents of a baby girl, Natalie Nell, born November 3, 1979 weighing 7 pounds and 3 ounces.



A retirement party was held for Alvin (Shorty) Gosnell on February 20, 1980. Coffee and cake were served at the C.E. Means Residency wishing Shorty the best of luck in his retirement and any future plans he may have.



Alvin 'Shorty' Gosnell

"Aussie Finds Arkie Friend From Past", this was the headline of a recent article in the "Daily Record" of Malvern. The "Aussie" in question is Mrs. Marion Carr of Victoria, Australia and the "Arkie" is Leroy Davidson of Malvern. Mrs. Carr traveled all the way from Australia to Malvern to visit her friend. They met when Leroy was in the Navy in 1957 when his ship, the USS Higbee, stopped for a week long stay in Australia. As Leroy puts it, "they met and simply spent some time together". We say, this is a small world, may friendships continued and be renewed. Who says, "Sailors don't have more fun!"

Angela Johnson, of our District staff, recently spent a week in and around the area of Disney World near Orlando, Florida. She had such a good time getting sunburned and spending her hard earned money that she was happy to return to work and rest up.

John Watkins' Residency

By The Staff

Our office would like to express our deepest sympathy to the family of Howard Nelms. Howard was drowned July 6 in Russellville. He was an Engineering Aide in our office and his absence will be greatly missed by everyone in our office.

The hot weather was ignored July 12 when our office held a fish fry at Burns Park. Although the temperature was at its usual high degree mark everyone enjoyed the delicious fish and some were even brave enough to attempt to play softball afterwards.

Dave Lambert and his wife Debbie were able to go to Reno, Nevada in May. According to Dave, "the black jack table is where it's at and that's where mine is!"

Pam Fry and her son Brian had an enjoyable vacation at Disney World in Florida and they are planning to go to Silver Dollar City later this summer.

Congratulations to Steve Doolin who won a golf tournament in July.

Clayton Munnerlyn resigned in June to accept outside employment and he will be missed by everyone.

We were able to move to our new office located on Dennison Street in May.

Bob Cornish's Residency

By The Staff

On June 30, John D. Bland retired after 28 years of service with the Department. The office sponsored a retirement party for John, during which he was presented with a toolbox to fit the bed of his truck. The party was attended not only by current office employees, but also by people he had worked with throughout his employment with the Department. We will miss him greatly, and we wish him the best of everything.



Bob Cornish and John Bland



'The Old Timers'

Max Koehler, Yankee Dumeny, John Bland and Leo Parker.

Donna Garrison, who transferred to our office from Final Estimates, replaced John as our Resident Office Technician. Donna is married to Billy Garrison, an accountant, and they have a daughter named Sha, who is five years old. We wish to welcome her to our office.

Mike Chambers, a member of our survey party, suffered a ruptured disk in an accident while working on the Wilbur Mills Freeway, downtown, on June 3. Since then, he has been unable to work. We wish him a speedy recovery and hope to see him back at work before long.

We've had several new additions to our office in the past few months. Don McClure was placed in charge of the Wilbur Mills job when he came here from the Army Corps of Engineers in August, 1979. Henry Ward transferred from Leonard Hall's office on July 29. Steve Heye transferred to Mr. Hall's office on the same day. Our summer employees are David Palmer, Sherry Williams, John Howell, Karl Sitz, Bill Rippey and Tom Oppenheim. We hope to see each of these again next summer.

B.J. McAlister and David Hathcoat both passed the Professional Engineers exam in July and we are proud to say that they are now

Registered Professional Engineers!

B.J. will be transferring to Russellville and we are going to miss him. He has been a fine man and a fine engineer. Good luck B.J.! He and his family will be enjoying their new home they recently built.

Due to the heat wave that has been ours for the past month or so, the paving on the north end of the East Belt Freeway has been coming along nicely. At night! Several of our inspectors have been sleeping during the hot days and working in the relatively cooler night air to avoid possible heat stroke and heat exhaustion. If only we could all do the same!

We hope everyone had a nice summer and we are really looking forward to the autumn months. Cooler weather would be most welcome by everyone.

Claude Klinck and his wife Bobbie are the proud parents of an 8 pound, 4 ounce little boy. Joseph Thomas was born July 30.

Dennie and Jeanie Robertson are the proud parents of a bouncing baby boy, James Daniel, weighing 8 pounds and 13 ounces born on May 29. Dennis is an Engineering Aide and has been with the Department for 3 years. Congratulations!

Barbara Mize and her daughter Debbie had a short vacation in Las Vegas in July. They had a super time but came back extremely tired and broke!

DISTRICT SEVEN

By Althea Campbell

Mary Nell, field clerk for Bob Myers, and Joe Carlson became grandparents two times this summer. Their son, Richie and wife Debbie are the parents of Joseph Richmond Carlson, III, born June 17 weighing 6 pounds and 9 ounces. Also their daughter Robin and her husband, Wayne Curtis, are the parents of Christopher Robin who was born June 22, weighing 7 pounds and 6 ounces. Chris has an older brother Jeffery and a sister, Tara.

Pictured are Jessica and David Hunter, grandchildren of Mr. & Mrs. M.W. Hunter. Mr. Hunter is a truck driver for J.R. Hamilton's construction-maintenance crew.



Jessica and David Hunter

The two little dancers, who live in Vicksburg, Mississippi, are the great granddaughters of Ann and Bill Anderson. Bill is a laborer in

J.M. Renfro's bridge crew.



Melanie and Melissa Anderson



J.E. Livingston, Jr.

John Livingston, Jr., an engineering aide for A.W. Hardy was very proud of his 5 pound bass he caught in a stock pond on July 27.

We have had two summer employees working with us this summer. They are Rhonda Branyan, in Bob Myers' Camden office and Chere Branyan, who has been working in the District Office. Rhonda is a junior in Business Management at Harding and Chere is a senior in marketing at Harding. We have really enjoyed these two girls and will miss them when they return to college.



Rhonda Branyan



Cherel Branyan

Since we missed getting in our senior pictures in the last issue of the magazine, we will show them to you now.

Penny Waddle is a 1980 graduate of Prescott High School. She ranked 5th in a class of 73 students; received the "I Dare You" award voted on by the teachers at Prescott High School. Penny plans to attend Southern Arkansas University to major in music education. She is the daughter of retired Lafayette County Area Foreman Jodie and Faye Waddle.



Penny Waddle



Michael Brandon

Michael Dean Brandon, son of Jamie and Donald Brandon, Calhoun County Area Foreman, graduated from Fordyce High School this

past spring. He plans to attend Arkansas College of Technology in Little Rock and study electronics.

Lisa Castleberry, daughter of Norma Jean and Harry Castleberry, Dallas County Area Foreman, graduated from Fordyce High School, where she was an honor graduate. She will attend Ouachita Baptist University at Arkadelphia on a music scholarship.

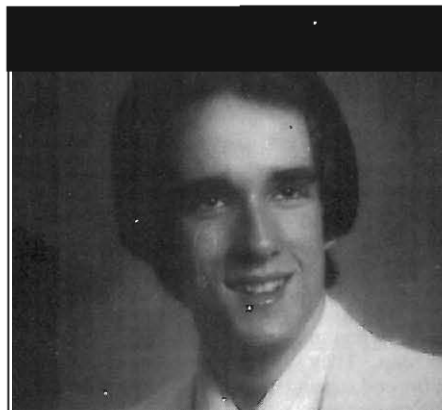


Lisa Castleberry



Danita Benson

Danita (Hollis) Benson, daughter of Carolyn and Larry Hollis, Assistant District Maintenance Superintendent, graduated from Fairview High School at Camden. She recently married Steven Wayne Benson and is living at Hampton, Ark.



Bill Campbell

Bill Campbell, son of Althea, District Secretary, and Elwood Campbell, graduated from Camden High School. He will attend Arkansas Tech University at Russellville on an academic scholarship majoring in Journalism.

Mark Campbell, son of Earlena and Coy Campbell, District Engineer, graduated from Fairview High School at Camden. He will attend Louisiana Tech at Ruston, Louisiana where his major will be Civil Engineering.



Mark Campbell

A.W. Hardy's Residency

By Jerry Waddell

There's not much news to report around Residency No. 73. A couple of the guys have expressed their desire for a nice snowy day, but good luck on getting it!

We would like to say so long to Pat Spruce, Tommy Yocum and Kerry Carpenter, our summer employees. Pat is a pre-med student at Northwestern University and Tommy and Kerry are students at SAU. Tommy is married to Vickie Yocum who works in the Parts Department.

Denita Wynn, daughter of Jimmy Wynn, senior inspector, and Brett Waddell, my son, attended Church Camp at Gary Springs. Brett was saved at camp so it was really an exciting time for him.

DISTRICT EIGHT

By Nancy Kennedy

Congratulations to those who received service awards. District Engineer Hurley Perkins presented awards in April to E.A. Riedmueller, 5 years; Patsy King, 10 years; Sam Ramey and Chester Patterson, 15 years. Those who received awards in May were John L. Sutton, Jack B. Stobough and Bruce D. Adams, 5 years; and Delbert H. Pellham, 20 years. Receiving awards in June were Charles W. McMillian and Virgil A. Proctor, 10 years; Joe L. Mott, 15 years; and Edwin Shinn, 20 years.

Our office manager, Netha Brown, celebrated her 25 years with AHTD in June. She received her 25 year pin at a recent supervisors meeting at the District Headquarters.

Wayne Blair, of the Perry County crew, and his wife are very proud of their daughter, Rhonda, who was named to the Dean's List for the spring semester for academic performance, according to Marvin E. DeBoer, vice-president of Academic Affairs at the University of Central Arkansas. She is a 1978 graduate of Perryville High School and is a junior majoring in early childhood education.

We were all saddened by the recent death of Johnny O. Edmunds. Mr. Edmunds, who lived at Morrilton and worked in the district-wide crew, was in the process of retiring.

We reported in the last issue of the magazine of Sherman James receiving his 35 year pin. The picture was late coming back from developing so we are sending it along now.



Sherman James

Perry Glyn Rackley and Lori Smith were married June 6 at the Fair Park Baptist Church in Russellville. Perry is a former AHTD employee and son of District 8 mechanic Glyn Rackley. Perry graduated July 18 from Capital City Business College and is currently employed at Arkansas Tech University as a Landscape Supervisor.

Glyn's daughter, Gwen, was married August 1 to Rex Surette at the Moreland Assembly of God Church. The couple live near Moreland and Rex is employed by C & C Machine Shop in Russellville.

Cindy McConnell, daughter of Resident Engineer Ruben McConnell, became the bride of Alan Barton on July 26 at the First Assembly of God Church in Russellville. The Rev. Tommy Parker officiated. After a trip to Eureka Springs and southern Missouri, the couple will reside in Russellville where both are seniors attending Arkansas Tech University.

At our March supervisors meeting, "Certificates of Appreciation" were given to employees who had recently completed an Asphalt Plant Inspectors course. Those receiving certificates were E.A. Riedmueller, Mike Hottinger, Eddie Deckard, Chester Patterson, Joe Hurst and Troy Brown.

DISTRICT NINE

By Shirley Morton

Mary Denise Selby, daughter of District Engineer and Mrs. Jim Selby, was named as a Presidential Scholar for the 1980 spring semester at the University of Central Arkansas. To be a Presidential Scholar, a student must carry a minimum of 12 hours and maintain a 4.00 grade average. Denise is working toward a Bachelor of Music Degree with emphasis in piano and will be a junior at UCA this fall.

Congratulations to Jerome Ramsey and Carla Kelley who were married June 21 at the First Baptist Church in Harrison. Jerome is employed at the Bentonville Resident Engineers office.

Jantzen Kathleen Gronwaldt and Edward

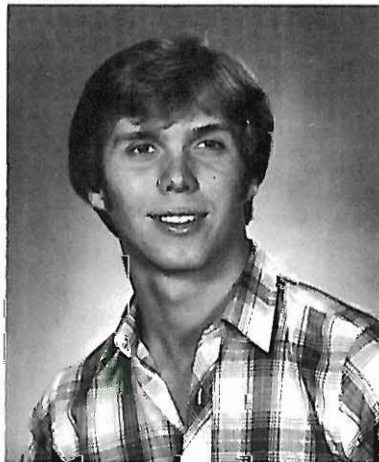
Seamster were married May 24 in the home of her parents at Jasper. The couple is living at Harrison while building their new home near Western Grove. Jan is employed at the Yellville Resident Engineers office. We extend our congratulations to Jan and Edward.

We are very happy to have Lisa Albright working in the office again this summer and to fill in for Glenda Roberts, receptionist, who is on leave. Lisa will be a junior in the fall at the University of Arkansas.

Mr. & Mrs. Hugh Bell announce the engagement and approaching marriage of their daughter, Karen Janet, to Jay Russ Edwards. The wedding will take place August 23 at the Bellefonte Church of Christ.

Congratulations and our best wishes to retiree, Jack Holtby, on his marriage June 6, to Jewell Patrick. Jack and Jewell can usually be found at their home in Harrison or at the farm.

Stephen Craig Horton, son of Searcy County Foreman Audra Horton, has been selected to the Chi Epsilon Honor Society in the College of Civil Engineering at the University of Arkansas on the basis of his scholarship, character, practicability and sociability. He is an outstanding honor student in CE with a fine 3.4 grade point and a member of the Dean's List. Stephen is an active member of the American Society of Civil Engineers. He will be a senior in the fall at the University of Arkansas and has worked four summers at the Yellville Resident Engineers office.



Steve Horton

Brian Briley, son of our Assistant District Engineer, Jim Briley, boarded a plane at the Little Rock Airport July 20 bound for St. Petersburg, Florida to join the Young America Showcase "Freedom Jam Program". He will travel with this group for ten months giving concerts at junior and senior high schools throughout the U.S.A. The other Brileys, Jim, Ann, Reed, Graham and Erin have moved to Harrison and we are very happy to welcome them. Their new address is 102 Wren.

Marvin Holt, seventeen year old son of Marcia and Joe, was chosen to attend the National FFA Conference in Washington, D.C. as a representative of the Bruno-Lincoln Chapter of FFA. The large group of boys traveled from Little Rock by bus and attended forums on preparing members for more effective leadership. They enjoyed the many historic sites in and around D.C. and visited with our U.S. Congressmen.

Congratulations to our new parents, Mr.

and Mrs. Glen Macumber, on the arrival this summer of their baby boy. Glen is an inspector assigned to the Yellville Resident Engineers office.

Otis Wells, station attendant, was recently caught on camera putting the finishing touches to Jim Briley's new automobile. Otis really keeps our vehicles shining!



Otis Wells

Rayma Sue King, field clerk at the Harrison Resident Engineers office, enjoyed a vacation trip to California and other western points in June.

Edris Braswell, office manager, took a few days off from work during the hot month of July for R and R.

The fish fry at Peel was Fun, Fun! We boarded Otis Wells' party barge at Lead Hill and thoroughly enjoyed cruising down the lake to the Peel Recreation Area where we joined Joe Bill Wallace and family, Bill McMullen and family and Donna Fowler and three daughters. The weather was beautiful and everyone had good appetite for the many pounds of filets fish furnished by Peel Ferry Supervisor Joe Bill Wallace. It truly was a fun day and we look forward to the next outing.



Otis Wells, Marcia Holt, Lisa Albright and Shirley Morton

DISTRICT TEN

By Isabelle Psalmonds

It has been a hot dry summer. This has resulted in many "blow-ups" on our highways, but the crews have stayed on the job and taken care of them.

While it was so hot the crews came to work at 6:30 and went home at 2:30. The going home at 2:30 sounds pretty good, but the coming in at 6:30 doesn't sound quite so interesting.

The holiday weekend of July 4 was a busy one for Janie Burns, rest area attendant in Mississippi County. It was necessary to pick up trash at both rest areas. She is shown here with the two truck loads that were picked up during the weekend. Looks as if the rest areas had a lot

of use. We know the rest areas throughout the State are often abused, but they are appreciated by many people.



Janie Burns

Norman Pumphrey, our District Engineer, is on military leave in Portland, Oregon. We expect to see some good pictures and hear some good stories about Mount St. Helens.

Terral Freeman, crew leader, retired on June 5, after 10 years with the Highway Department. Terral had surgery and it was necessary for him to retire. He was a good employee and he will be missed. His crew had coffee and doughnuts and gave him a fishing rod and reel. Terral, we hope your health improves so that you are able to really use that rod and reel and enjoy your retirement.



Terral Freeman and Norman Pumphrey

We are again this summer enjoying having Tracy McLaney working in the office. She is a student at Arkansas State University. We will miss her when she goes back to school. Best wishes for a good school year, Tracy.

Jonesboro Residency

By Sherry Bridges

Jerry Burton, asphalt plant inspector, was recently transferred to the Paragould Residency where he will operate the new District Materials Lab that has just been constructed. We know he is happy to have the new facilities but we will miss seeing him in the office.

Also, with summer nearing its end, our summer employee, Stan Glover, will soon be returning to school as a junior in Civil Engineering. Stan has worked hard on the Jonesboro-Farville project. We appreciate his hard work and wish him the best of luck during the upcoming school term.

Congratulations to Sam Turner who received his 5 year service award in June.

Bryant Terrell has transferred to our office from the Osceola Residency. We would like to welcome Bryant and also congratulate him! He and Beverly Darlene Hall, formerly of Tyronza,

were married on July 5. Bryant and his new wife will reside in Jonesboro.

Ralph Blackwell, Resident Engineer, moved into his new home - one block from where he was living. He claims anything that could go wrong did so, but he's settled now and enjoying it thoroughly.

Well - Manila, Arkansas may never be the same! Over the 4th of July weekend a whole "bunch of Bunches" descended on the town in order to celebrate the 50th Wedding Anniversary of Mr. & Mrs. George Bunch, who I am proud to say are my parents. Now some people may wonder just how many is a "bunch of Bunches?" Well, Mom and Dad were placed right in the middle of twelve children, eight sons and/or daughters-in-law, twenty-two grandchildren and ten great grandchildren. These - added to all the aunts, uncles, cousins, neices and nephews - makes a "bunch of Bunches!" This was only the third time in all of our lives that all of the children have been together at the same time. We thoroughly enjoyed a reception honoring Mom and Dad at which over 300 friends and relatives were present, and a supper serving 150 family members in the fellowship hall of the church followed the reception.

If it is hard to imagine the gait of this group, imagine the look on a three year old's face when 300 hundred people showed up at his birthday party. Because not only did we celebrate Mom and Dad's 50th Wedding Anniversary, my son, Joseph, also celebrated his third birthday on July 5. The look on his face when everyone sang "Happy Birthday" was one of complete surprise and of total joy.



Mr. and Mrs. George Bunch

Paragould Residency

By Sheila Pillow

The employees of the Paragould Residency have been kept quite busy recently due to the onset of summer and all the construction work it brings us.

We did find time to work in coffee and cake on May 14, and again on June 11, for two employees who are leaving the Department.

Dorothy Hancock left the Department after 3 years as field clerk in order to be with her child and to prepare for the addition to her family she is expecting in late August.

Wade Murry, who was an inspector, left in June after 5 years of service to work for Delta Asphalt. We will miss them both, and we send all our best wishes with them.

We have two summer employees this year. Denise and Ricky Bailey, both of whom are

engineering students. This is Denise's first summer with us and it is Ricky's second. I'm sure we will miss both of them when September arrives and they go back to the hustle and bustle of school life.

Congratulations are in order for Lyndal Waits and Brent Watkins who recently passed the Professional Engineer's Examination. Lyndal is Assistant Resident Engineer in the Paragould Residency and Brent is Assistant Resident Engineer in the Jonesboro Residency. Much time and effort was put into studying for this exam, but I'm sure both Brent and Lyndal now feel it was well worth it.



Brent Watkins and Lyndal Waits



Dorothy Hancock





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

Return Postage Guaranteed

BULK RATE
U.S. POSTAGE
PAID
Little Rock, Ark. 72203
Permit No. 2556

