

ARKANSAS

HIGHWAYS

Magazine



SEPTEMBER 1964

HIGHWAY OFFICIALS ADOPT RESOLUTION AT MEMPHIS MEETING

Arkansas and Tennessee Highway Department officials met in Memphis August 26 to discuss finances for a new Mississippi River bridge at Memphis. Since Memphis will be the big beneficiary of the proposed six-lane structure, an agreement was made on a 60-40 cost allocation. Arkansas's share will be about \$2 million and Tennessee's about \$3 million. Since the bridge will be on the federal interstate system, the federal government will be the big spender, to the tune of about \$45 million.

Commissioner David Pack of the Tennessee Department and Wayne Hampton, chairman of the Arkansas Commission, signed the formal contract. It took less than an hour for both sides to agree to the plan as groups met at Memphis Metropolitan Airport. Each side pledged teamwork toward completion by 1972.

The new bridge would cross the river from Winchester in north Memphis to Hopefield Point in Arkansas. Hazelet and Erdal of Louisville has been hired as consulting engineers. Tennessee will handle most of the administration and supervision of the work but all construction plans and specifications will be subject to approval of both sides.

Other representatives of Tennessee were Wamer Dunlap, Tennessee's chief engineer; James Graves,

Commissioner Pack's administrative assistant; City Commissioner Pete Sisson; and John Tucker, administrative assistant to Memphis Mayor William B. Ingram. Arkansas representatives were Arkansas Highway Commissioner C. L. Denton, Jr.; Acting Highway Director Ward Goodman; and Assistant Chief Engineer Bill Moore.

During the meeting the officials adopted the resolution at bottom of page.



Pete Sisson, Warren Dunlap, and James Graves



C. L. Denton, Wayne Hampton, David Pack, Ward Goodman, and Bill Moore

RESOLUTION

Be it resolved this, the 24th day of August 1964, at a joint meeting of the Tennessee Department of Highways and the Arkansas Highway Commission that:

Wishes to recognize the late Honorable Bill Joe Denton of the Arkansas Highway Commission.

Now therefore be it resolved:

This joint group officially pay tribute to Bill Joe Denton for his unceasing and untiring efforts dedicated to the realization of the benefits to our local communities and economies as a direct result of the new bridge across the Mississippi River at Memphis.

Signature

DAVID M. PACK,
Commissioner,
Tennessee Department of Highways

Signature

WAYNE HAMPTON,
Chairman,
Arkansas Highway Department

REPORT ON WOMEN'S INTERNATIONAL CONFERENCE



by: Alice Joe, Engineer
Bridge Design Division

The First International Conference of Women Engineers and Scientists began on Monday, June 15 at the United Engineering Center by loading all delegates on buses for the New York World's Fair. Our itinerary and program at the Fair was handed us as we boarded because the exhibits visited had to be reached by foot or riding a Fair bus operated by Greyhound Lines.

First stop was at General Motors Futurama where we took the Ride Into the Future which showed us that people would be living underwater as well as on land in huge apartment buildings. One future machine was a roadbuilder which would perform all the operations of excavating, alining, building roadbed, paving, and leaving the finished road ready to be used. The next stop was Socony-Mobile where we saw their Economy Run which was put on a couple of months ago. Then we had a voice of the General Electric show or the Bell Telephone show. I chose Bell Telephone, having already seen GE and it was out of order for the day, too. The Bell Telephone "ride" showed all the steps and advances in communication up to Telestar now. Then there were various exhibits - the memory set for often-used numbers - dial-a-weather at home or some other city - a device for changing pitch of a voice, and others.

After a much delayed lunch due to some mix-up at the restaurant where the reservation had been placed, I took the bus tour of the grounds. At 4 p.m. approximately, we met again at the Federal Pavilion where the National President of A.A.U.W., Blanche H. Dow, presided as M.C. She introduced General William Potter, the chief engineer of the entire World's Fair Project, who welcomed us to the New York World's Fair. Then the official delegate from each of the 50 states was introduced and next the official delegate from each of the countries represented. There were some pictures made by individuals and then we were free till dinner. The Hall of Science Pavilion was not open till the next day, but any of us could enter that afternoon by showing our name card at the door. I did not go since it was after 5 and the dinner spot was some distance away. After dinner the rain came down in earnest so we had to scurry since we had to get back to our hotels on our own.

Tuesday was Professional Tours Day and I chose the one which took us to the New Research Center of IBM Corporation at Yorktown Heights, N.Y. Buses took us and our driver was nice enough to point out some things of interest along the route, such as the four apartment buildings built over the Bronx Expressway. This express-

way has curved beams, short in length, on the ramps up to it. At IBM Dr. Anderson, assistant director of research, spoke to us first. Then followed Drs. Brock, Shower and Gillespie who were the department heads of Chemical and Physics Research, Engineering Research, and Mathematics; and they explained the functions and workings of their departments. Then we were divided into groups of 12 to 15 and shown two of the working labs. One had to do with the writing of circular disks which I didn't understand at all. The next lab I saw was working on translations by typewriter of English into Russian and compiling a Russian dictionary which included technical terms and keeping it up to date. Also they were working on translating into Chinese too, but it is much more difficult.

After lunch we went to Consolidated Edison Company of New York, Inc. at Indian Point, N.Y., to see their atomic energy plant. Not many people are allowed to visit there so we were a privileged group. The nuclear reactor is a sealed unit so there was really not much to see except the controls panels and the generator. Afterward, we were shown a short movie of the construction of the plant and its operations.

Both tour groups met together at a pre-arranged restaurant for dinner and informal singing. We left here about 10:15 and about 30 minutes took us back to the hotel. It was this evening I saw President Johnson because at first we were not allowed to cross the street to go to our hotel a block away. He passed by in a lighted car among police on motorcycles and in squad cars.

Wednesday morning at 9 a.m. began the technical sessions. All technical sessions were held in the United Engineering Center. After the welcome address and official opening, Dr. Lillian Gilbreth opened the Conference with her talk on "Focus for the Future." In the International Conference it was planned to bring together people from all over the world to evaluate the future needs of the world and the need for WOMEN engineers and scientists to help fulfill these needs. With many differences in each one there are bound to be likenesses from which to expand, such as our similar professions, skills, and satisfactions. So we must learn to communicate so that we can help each other serve more effectively in the future.

The first technical session spotlighted the need for engineers and scientists. Mr. M. H. Trytten, director of the Office of Scientific Manpower in Washington, D.C., went into detail on why women could make up a large

part of the professional manpower that will be required in the future.

Next, Mrs. Ira Rischowski, a technical writer in London, England, talked on the technical services needed in support of engineers and scientists. She mentioned some of the technicians and skilled labor required as each profession and technology developed so that there was the need for specialization, the need for libraries with librarians where technical literature of all types could be kept and located, the advancement to the use of machines and computers, etc., and yet all this labor is dependent upon each other and intertwined and should be employed to best advantage to be of service and benefit to mankind.

At the luncheon the National President of the Society of Women Engineers officially welcomed all delegates and then Bradford N. Clark, N.Y. City commissioner of Public Works welcomed us for New York City and Mayor Robert F. Wagner, and gave us a brief message from their Mayor Wagner, who congratulated SWE on the success of their First International Conference and the fitting choice of New York City as the city in which to hold it.

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After lunch Walter R. Schmitt, research geophysicist with the University of California in San Diego, California, gave a paper on "Supplying and Controlling Water." He told us of the importance of water from early civilization to now in its use for agricultural purposes, which utilizes the largest amount. Next comes domestic usage for industrial and municipal uses, and lastly, water for drinking and cooking. The annual per capita usage for drinking and cooking is one ton as compared to greater than 5000 tons for agricultural and silvicultural purposes. He closed on a humorous note with a slide showing the present annual per capita use of water for drinking and cooking as being negligible when compared to its consumption in Seagrams or Chanel No. 5.

Mrs. Young Sun Lee, lecturer on textile fibers at City College of Agriculture, Seoul, Korea, talked on "Clothing - a Basic Requirement." She said the present rate of developing and processing for fibers will meet the needs and demands for a while but by the year-2000, population increase will cut down the area for supplying natural fibers and we must rely more on synthetic fibers for our clothing needs. She suggested perhaps the time will come for paper dresses, thrown away after wearing.

Mrs. Consuelo M. Hauser, project engineer with Hauser Research and Engineering Company, Boulder, Colo., spoke on "The Essence of Shelter." She calls this the "Materials Age" because of the change in our way of life and the roofs over our heads. From the high ceilinged and large windowed houses with gables and balconies we have gone to streamlined houses, even prefabricated houses, where automation is most essential. With the array of modern machines in todays home reducing work to a minimum, she expects women to be able to set up housekeeping on another planet. We may be living in plastic bubble houses on the bottom of the sea, or our homes will be orbiting around the earth in an artificial satellite while we farm the bottom of the sea.

Miss Joan Sullivan, staff member with Arthur D. Little,

Inc., Cambridge, Mass., gave the paper on "Food." She expects in the future that our foods will be similar to C or K rations where you add water, mix, and it is ready to eat.

Thursday morning's session focused on industrial and social needs.

Miss Monique Barbe, engineer to the Commissariat a l'Energie Atomique, Metallurgy Division, Paris, France, gave the paper on "Transportation in the World of Today," which she and Madame Monique Vuillemin, an associate, prepared together. Transportation was created at first by a need but now is becoming a pleasure often mixed with business without defining which is most important. The wheel is the one greatest human invention in transportation because it is used in all means of transport - water, air, land transport which covers the chariot, horse drawn wagon, coach, locomotive, automobile, plane, ship; and now space transportation is becoming foremost because the rapid pace at which we live calls for greater speed.

The next paper, "Energy Supplies for an Expanding World," was by Miss J. Cicely Thompson who is with the Nuclear Power Group, Knutsford, Cheshire, England.

The next two talks were on "Communications" by Miss Olwen A. Wooster who is Grounds Communications superintendent with Trans-Australian Airlines, Victoria, Australia; and "Environment Pollution and Control" by Miss V. E. Anneli Harrati, chief of Laboratory, Printal Oy, in Helsinki, Finland.

At the noon luncheon we were welcomed by the New York Section Chairman of SWE and by the Honorable Guin Hall, deputy commissioner, N.Y. State Department of Commerce, Women's Program. Clifford Furnas, chancellor of the State University of Buffalo told us of the "Contributions to the Development of Engineers and Scientists by the State of New York."

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The afternoon session dwelt on the Needs of the World's Standard of Living. Miss Elizabeth J. McLean, traffic engineer, Department of Streets and Sanitation, Chicago, Illinois, talked on "Urbanization for the Future."

Next, John H.M.S. Miller, director of Research and Technology Survey, Dublin, Ireland, spoke on "Management of our Natural Resources." The two most important resources are material and human; but human resources cannot exist without the other so knowledge is essential so that the material resources may be unlocked and made useful.

Miss Dorothy U. Mizoguchi, consultant for Scientific Documentation and Chief Cancer Chemotherapy, Cancer Institute, Tokyo, Japan, discussed the "Importance of Science and Technology to the Standard of Living - The Impact of the Expanding Population."

The Russian speaker to follow was arriving that evening so her talk was postponed. I had especially wanted to hear her since it would probably be my only contact with someone of Communistic influence.

At 5:30 we boarded buses which took us to the pier where we went upon a cruise boat that took us on a hour tour around Manhattan. The weather was perfect for it. There were two guides who pointed out places and buildings of importance and interest along the skyline.

Friday's morning session was on the current status of engineers and scientists, but I felt I could miss this one so I had made an appointment to visit the office of Blauvelt Engineering Company. Robert Cuccioli is chief structural engineer and my informant. He explained their office set-up and procedure in getting out an engineering job, showed me around the office. They have one floor of an office building and are considered a medium size firm for N.Y.C. I met Mr. Blauvelt, the owner and manager of the Company, who is an outstanding engineer and spent a number of years with the New York State Highway Department before he went into business. Mr. Cuccioli and his assistant structural engineer drove me out around New York City to show me structures they had designed and the construction of which they supervised. Most of their work is bridges and highways and they did several jobs around the N.Y. World's Fair area, one of the most important being widening Central Parkway which goes along the western edge while maintaining traffic on the parkway and subway train traffic crossing over at two locations. Piles had to be driven and regulated between subway runs. The allowable deflection of the trains governed the design on the piles. They are especially proud of a tri-level bridge which is an interchange of Clearview Expressway. A center pier carries all three levels and was used because it saved a considerable amount of money over through spans. An interesting feature here is that on the middle level of two bridges the traffic lanes direction is reversed \longleftrightarrow to convention but this is due to the pattern of the interchange, and screening for lights had to be used on the inside openings of each bridge for safety of the motorists meeting. Some of this work is discussed in an article "Roads to N.Y. World's Fair" published in the November 1962 issue of Civil Engineering.

* * *

Friday afternoon I met the delegates at the U.N. Building and took the tour through the building and heard Mrs. Carmel Marr, advisor on International Organization and Legal Affairs, with the U.S. Mission to the U.S. speak on "Women in the United Nations."

Saturday morning a panel consisting of twelve persons gave their views on ways to develop engineering and scientific talent and then the floor was open to questions and comments. A number of delegates from foreign countries told what was taking place in their own country in the use of female engineering and scientific talent. Some of the countries - the Philippines, Argentina - are in the process of developing industrially, and engineering and scientific knowledge are in such demand that sex is not even regarded.

At the noon luncheon which waited because we ran overtime so that all delegates who chose could speak, some of the various award winners and past presidents were introduced. In the afternoon SWE held the first part of their business meeting. The second part was held Sunday morning over brunch.

Saturday night climaxed the Conference with a banquet held in the Belmont Plaza, the convention hotel. There was a reception preceding which honored the recipient of the 1964 SWE Achievement Award presented at the

banquet. Pauline Frederick, NBC United Nations correspondent, spoke on the "United Nations in the World Today."

The conference as a whole was an enriching and interesting experience to me. I was glad to learn that women do develop their minds along technical lines and the U.S. had women who have attained master's and doctor's degrees in engineering fields. They prove their capabilities by becoming professors and consultants, doing specialized research work, heading companies, obtaining patents on inventions, and still are basically feminine and female. Some of the papers and talks were too long and there was no time allotted after each one for questions and comments which I feel would have been beneficial. Naturally my interest was higher in the talks that were relating to civil engineering field, and I thoroughly enjoyed, as well as learned, my morning with Blauvelt Engineering Company.

Incidentally, some of the international delegates did not speak a word of English nor understand it very well, and a few not at all. This was the official language, but simultaneous translation into French, German, and Spanish was available at all technical sessions. The lady translating into Spanish was used quite a bit Saturday morning for translating from Spanish into English. Later, since I knew this delegate spoke English, I questioned her use of the translator, and she said that it was easier to put her thoughts into Spanish first and it was saving time at the Conference although she could have expressed herself in English and the Spanish translator did an excellent job. The accents therefore of a few of the international delegates put a peculiar slant on the English sometimes but all who presented papers did an excellent job.

(Editor's note: Due to its length, the original report by Alice has been condensed here. Alice was appointed by Governor Faubus to represent Arkansas at the Conference in New York last June.)



LETTERS

FARMERS ELECTRIC
Cooperative Corporation
Newport, Arkansas

The Honorable Orval Faubus
Little Rock, Arkansas

Dear Governor Faubus:

We visited with one of our directors, Mr. Benjy Davenport of Elgin, and discussed the new highway project in his area.

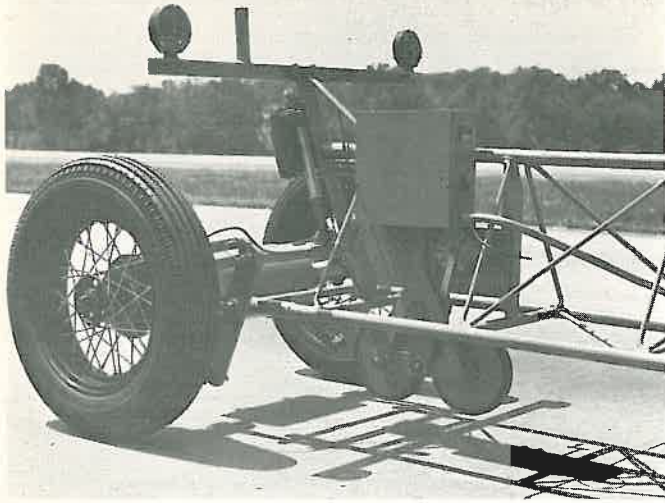
Although the improvements to the highway will mean a big saving to this Cooperative, we want to especially express our appreciation to the Highway Department for the careful manner in performing their duties.

The crews have been most careful in working beneath our power lines, and have caused no serious interruption of electric service to our members in that area.

Will you please express our appreciation to those responsible for this careful workmanship?

Yours very truly,
Carl L. Cross
Manager

(Cont'd. pages 14 & 15)



CHLOE

by: M. G. Gross
Planning and
Research Section

CHLOE is finally here and ready to go to work for the Highway Department. Hold it, fellows! CHLOE is not a beautiful, single girl recently hired. She's not a married girl either. In fact, she's not even a girl. CHLOE is a profilometer. The CHLOE profilometer (CHLOE for short) is a device developed at the AASHO Road Test in Ottawa, Ill., for determination of the slope variance on pavements; the slope variance being an indication of the pavement roughness.

Pavement roughness is considered to be a very important element of pavement performance. For many years highway engineers and others have realized the need for a device that would mathematically indicate the slope variance or roughness of pavements. It was this realization that caused the engineers on the AASHO Road Test to develop the Road Test Profilometer, the grandfather of the CHLOE Profilometer. The new profilometer derives its name from the men who developed it -- Carey, Huckins, Leathers, and Other Engineers.

CHLOE is an electronic-mechanical device towed by a vehicle over any section (usually 1,200 ft.) of pavement. Three statistics — the number of sample joints (at six-inch intervals along the pavement), the sum of the deviations of the slopes from an arbitrary reference value, and the sum of the squared deviations of the slopes from the reference — are detected, computed, and displayed on the panel of the electronic computer in the towing vehicle. These three statistics can be combined to determine the

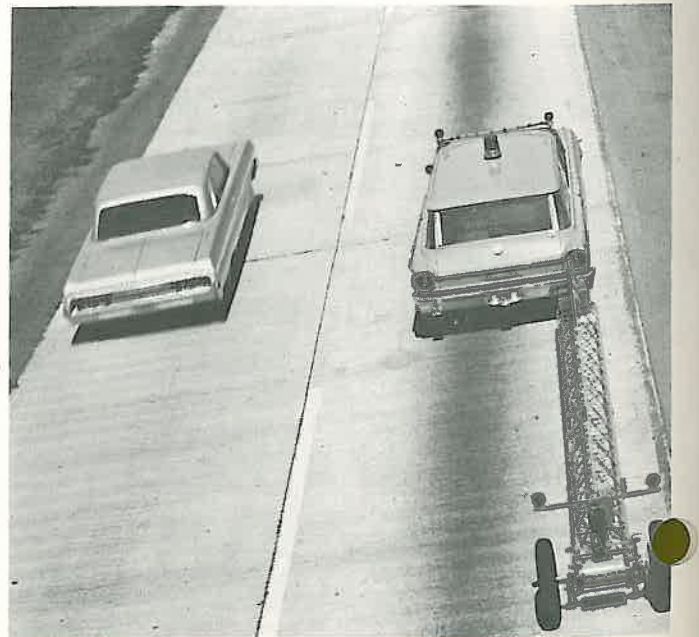
summary statistics - slope variance. If you can't go along with that, try this: It measures how rough the pavement is.

The principle behind the new instrument is simple. Two small wheels, called slope wheels, are mounted in tandem so they touch the road surface in the wheelpath of the car. Steel straps connect the slope wheels to an electric pick-off switch. Any change in the slope between the wheels and the reference frame causes the switch to register the change electrically. This information is fed into a battery-powered computer mounted in the towing vehicle. The computer calculates a mathematical function of the road profile.

This slope variance as computed by CHLOE, plus the square footage of patching and linear footage of cracking, are used in expressing the riding qualities of the road by a new rating system developed at the AASHO Road Test. This rating system is known as the "Present Serviceability Index" (PSI). The PSI ratings range from "0" to "5". "Five" is perfect, and "0" indicates very, very poor riding qualities. Normally, new pavements score about "4.5" and pavements that need to be resurfaced have a rating of "2.0"-"2.5."

The measure of pavement serviceability is desired for several reasons. One is to check the work of a contractor constructing a pavement. Another is to aid in the determination of the ability, at the time of the measurement, of the pavement to serve traffic. Still another use for such measurement is to determine needed maintenance.

The use of CHLOE and the new rating system promises to give highway engineers a more accurate and reliable way to classify serviceability of the highways. This will be a valuable tool for the maintenance engineers in predicting and scheduling maintenance of low-rated pavements.



WARD GOODMAN FETED WITH PARTY AFTER RECEIVING 30-YEAR SERVICE AWARD

ACTING Director Ward Goodman was the honoree at an "open house" party the afternoon of August 19 in the offices of Assistant Chief Engineer John Pendergrass.

The event was occasioned by the presentation earlier of Goodman's 30-year service awards by the Highway Commission. A large crowd of well-wishers were in the audience when Commissioner Wayne Hampton made the presentation. Hampton spoke before making the award, charting the course of Goodman's long engineering career from the time he first started back in the summer of 1927 while still a college student until the present. The presentation was supposedly a surprise but Goodman said he suspected something that morning when Mrs. Goodman told him to "put on a good suit."

The long serving table, normally used for conferences, was beautifully appointed with floral arrangements flanked by lighted candles in silver candelabra. A huge cake was the piece de resistance and there were assorted cookies, sandwiches, nuts, and mints accompanied by lime punch and coffee for the 200 or more guests who dropped in from 3 to 5 p.m. The guests signed a book made up special to commemorate the event.

All personnel in the central area participated one way or another in this auspicious occasion. Those who were asked to contribute in time, money, or effort were most cooperative in helping to make this an event the director will long remember.



Mr. Goodman cuts the first piece of cake while Mrs. Goodman looks on.



Wayne Hampton, chairman of the Highway Commission, presents Goodman with his certificate representing 30 years of service.

Ward Goodman was born in Tennessee but moved to Little Rock early in life. He graduated from Central High (then Little Rock High), then entered the University of Arkansas where he received his BS degree in civil engineering in 1930 when he came to the Department on a permanent basis. Prior to that time he worked during the summer months while a student at the University. When World War II came along he left to work in various defense agencies. He returned to the Department in 1945 and since that time he has had a meteoric rise in his career. He became acting director in May 1963.

Goodman has gained prominence in such professional organizations as Who's Who in Engineering and The American Association of State Highway Officials where he served with distinction on several major committees. He is an active member of the Episcopal Church; a registered professional engineer and a member of several prominent professional societies; a Rotarian; a Thirty-Second Degree Mason; a member of the Hi-Noon Toastmasters Club; selected Boss of the Year in 1963 by the American Business Women's Association, and the recipient of the Boy Scout Silver Beaver Award.

He is married to the former Miss Mamye Gerald of Louisiana. They have one son, Bill, and a grandson.

THE NATIONAL SAFETY COUNCIL'S
EVALUATION OF TRAFFIC
SAFETY ACTIVITIES IN ARKANSAS

Lester Jester
Traffic Engineer
Planning and Research

We have just received the results of an evaluation of traffic safety activities in Arkansas by the National Safety Council. This evaluation is made each year and is a comparative analysis of our State's activities with criteria established from the performance equaled or exceeded by 30 per cent of all states reporting. The rating is presented by per cent of evaluation measures, with 100 per cent being perfect. Following is a table which shows the 1963 rating by safety activity:

Traffic Engineering	79
School Traffic Safety Education	71
Accident Records	59
Driver Licensing	45
Public Traffic Safety Education	37
Police Traffic Supervision	31
Death and Injury Record	0
Organization for Traffic Safety Improvement	0

This table reflects that the Highway Department has been evaluated by the National Safety Council as the leading state agency in Arkansas in traffic activities.

The progress that has been made by the Traffic Engineering Section of the Highway Department in attacking the safety problem over the past few years is shown below:

Year	Rating (%)
1952	37
1955	50
1956	51
1957	52
1958*	70
1959	72
1960	74
1961	73
1962	79
1963	79

* Traffic Engineering Section organized.

There were only six areas in which Traffic Engineering activities in the State did not meet the criteria of the National Safety Council.

By placing more emphasis on these activities, Arkansas' Traffic Engineering rating could be one of the highest in the Nation.

ALABAMA HIGHWAY AUDITOR VISITS AHD



H. R. FOSTER, auditor of the Alabama State Highway Department, spent the major part of the week of August 17 in Little Rock visiting the Highway Department. The purpose of his visit was to observe our internal audit function and procedures and determine their position in our organizational structure. He was particularly interested in their relationship with our Accounting Division. He spent considerable time with Ronald Keene, chief of the Audit Section, and Jim McCarthy, chief of the Accounting Division, and others. Foster's title as auditor is equivalent to the head of our Accounting Division.

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HIGHWAY DAMES

By this time, all eligible people should have received, through the mail, a letter from Mrs. Dale Davison (Marge), president of the Arkansas Highway Dames, and a calendar of events for the coming year. However, we can't resist reminding members once more of the first meeting - a chance to enjoy fellowship and fall fashions. It will be a luncheon and style show at the Holiday Inn of North Little Rock at 11:30 a.m., September 24. Fashions will be shown by Irma Dumas Dress Shop. Price of the luncheon will be around \$2.00.

Committee members have been named to work with the committee chairman and co-chairmen who were listed in the last issue of "Arkansas Highways." These additional committee members are: Telephone: Mrs. Frank Caple (Sylvia), Mrs. Henry Gray (Mary Beth), Mrs. H. R. Holland (Martha), Mrs. F. P. Hutchison (Betty), Mrs. J. E. Matthews (Minnie), Mrs. J. G. Meredith (Martha), Mrs. S. Pattillo (Eleanor), Mrs. H. H. Perkins (Wilma), Mrs. W. E. Rownd (Sue), Mrs. V. A. Roy (Peggy), Mrs. J. J. Schame (Evelyn), and Mrs. John Tallant (Lucille).

Additional members of the Project Committee are: Mrs. Ward Goodman (Mamie), and Mrs. Schamer.

WEIGHTS AND STANDARDS REPORT

The Weights and Standards Division submitted their annual report for the fiscal years 1962-63 and 1963-64 and one of the statistics brought out was that there were almost two and one-half million trucks weighed in Arkansas during the 1963-64 fiscal year. This figure obviously kept our Weights and Standards men pretty busy around the 18 weight stations in the state. The figure is higher than the 1962-63 fiscal year and indicates that our nation's highways are becoming more and more congested. Below is the complete report.

WEIGHTS & STANDARDS DIVISION
OF THE
ARKANSAS STATE HIGHWAY DEPARTMENT
Fiscal Years 1962-63 & 1963-64

	1962-63	1963-64
TRUCKS WEIGHED	1,833,782	2,418,782
TRUCKS CHECKED	1,456,165	2,502,776
OVERLOAD SUMMONS	3,292	3,237
ARRESTS	3,958	3,997
OTHER SUMMONS	4,160	4,010
WARNINGS	9,484	7,718
LOADS SHIFTED	10,413	9,079
CASES DISPOSED OF	3,766	3,978
REVENUE COLLECTED AND PRODUCED		
GAS TAX	256,517.86	267,007.61
FINES ASSESSED	69,778.75	72,006.75
COSTS ASSESSED	54,674.50	57,336.05
CONVERTS	56,849.40	98,158.20
INTRANSIT TAGS	39,062.00	38,680.00
SALES TAX	103,131.54	82,828.25
VEHICLE LICENSE	176,335.63	241,182.45
CHAUFFEUR LICENSE	28,312.00	31,886.00
DRIVER'S LICENSE	144.00	86.00
TRAILER PERMITS	37,837.25	69,806.50
AXLE OVERLOAD PENALTIES	129,193.16	119,326.49
TOTAL REVENUE COLLECTED	\$951,836.09	1,078,334.30
MILES TRAVELED	797,766	975,587

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ENGINEERS FROM MEXICO AND FRANCE TO VISIT DEPARTMENT

It's becoming a trend, it seems, for civil engineers from other countries to visit various engineering agencies in the United States. It's a pleasant trend, however, and one which can be beneficial for them as well as our country by the exchange of ideas and engineering practices, not to mention the excellent opportunity to enhance the relationship and goodwill between our countries.

In July, the AHD was host to engineers from Brazil. This month, we will host engineers from two other countries. Graduate engineers from the University of Mexico will be our guests on a training and observation tour September 14. Their visit will

almost coincide with a group of top level engineers from all over France who will be in the States visiting highway and urban renewal projects. There will be 150 Frenchmen in all, but they will be sub-divided into five groups upon their arrival in San Francisco and the groups will travel separately to all sections of the country. The group which will visit Arkansas is due to arrive September 15. They will remain through September 16.

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HIGHWAY OFFICIALS ATTEND LUNCHEON

Several of our Highway officials attended a luncheon, sponsored by the Kenosha Auto Transport Corporation of Kenosha, Wis., August 21 in the Carriage Room of Coachman's Inn.

The purpose of the luncheon-meeting was to demonstrate the firm's proposed warning lighting system for use on over-width loads. A 20-minute film on the new system was shown at the conclusion of the luncheon. To further demonstrate the device, the firm had a transport loaded with a boat, 12 feet wide, which was equipped with the system. The Arkansas Bus and Truck Association helped to arrange the meeting of various state officials who would have some interest in the warning system.

Those attending from the Department were: Ward Goodman, Bill Moore, Y. W. Wheelchel, R. B. Winfrey, C. Don Hayes, and Roy Johnson.



J. Robert Scholey, right, general sales manager for the Kenosha Transport Corporation, is showing the lighting system to Ward Goodman, Herman Lindsey, director of the Arkansas State Police, Orville Cheney, commissioner of the State Revenue Department; and Roy Johnson, chief of Weights and Standards Division.

AROUND THE DEPARTMENT



ACCOUNTING DIVISION

Mildred Harness

We welcome a new employee, Erma Ferguson (Mrs.). Erma, who lives at 303 North Jackson in Little Rock, has two children, Ermalea, 12 years old, and Gary, 3 years old.

We're glad to hear that Mrs. McCarthy, wife of our boss, is doing well.

Almost everyone has been on vacation lately, but all are back now and we welcome them, gladly.

Tyronza Hines and husband, Sonny, visited Six Flags over Texas, the Dallas Museum of Fine Arts, the Dallas Aquarium, Fort Wolter at Mineral Wells. They also visited Houston and returned to Little Rock via Fort Polk, La. They had a wonderful trip, they said.

Joy Marshall went to California via Phoenix. She traveled over most of the State of California. She enjoyed deep sea fishing (she caught a few). She spent a day in Yosemite National Park and returned by way of Hoover Dam.

Betsy Morrison, husband Joe, and son Brian camped out for a week at Camp Albert Pike in southwest Arkansas.

The Jack Keilch family (wife Pat and baby Patricia Rose) flew to Washington for a visit.

Lou Bradford, husband Bill, and son Kent traveled to Destin, Fla. They went down through Mobile, Pensacola and returned by way of Biloxi and Gulfport.

J. T. Beavers and wife Mollie attended the DAV National Convention in Phoenix, stopping at Six Flags enroute. Their son, Donald, was home from Fort Eustus, Va., a week before they left.

J. E. McCarthy and Johnnie Beavers visited Wynne, District 1 headquarters August 14.

Pat Koonce took off a day to get ready for her brood of four to come in from visiting her folks in Indiana. Her brother and family brought them home and stayed for a short visit before returning to Evansville.



CONSTRUCTION

H. H. Perkins & Lucy Dishongh

Gene Ashcraft recently spent several days on Bull Shoals and White River. Accompanying him was Rev. Cleon Liles,

pastor of Church of Christ Church, and others. We are told that a large time was had by all.

It is with mixed emotions that we must bid farewell Thomas Rowland Koehler (Tommy) who has been in the Final Estimate Section for 8½ years. It is his decision to continue full-time his college education toward a civil engineering degree. He plans a year at Little Rock University and two years at the University of Arkansas. It is, indeed, a loss to Construction Division and especially the Final Estimate Section to have to give Tommy up, but education is so important these days. We are anxious for his speedy return.

Mary Ellen Hicks, clerk-typist who has been with the Final Estimate Section since July 6, was married to Richard S. Smith, Jr. on August 14. Richard is surveyor's assistant with the Wm. Finley Williams Engineering Company of Little Rock. We wish them much happiness.

Eddie Rogers, son of E. W. (Dub) Rogers, and four of his friends left Little Rock Sunday, August 23 on a trip through Texas. They will visit Six Flags in Dallas, Abilene, Christian College, Austin, and Corpus Christi, and return August 30. Eddie plans to attend Little Rock University starting September 8. He will be a pre-med student. Good luck to Eddie.

Joel Bradley, who joined Final Estimate July 1, recently won a trophy for being on the winning bowling team (they call themselves the "DUDES DUDS"). Our congratulations, Joel!

Our Bill Moore, who joined Final Estimate April 1, is another accomplished bowler in our midst. He was presented a trophy and medallion key chain for bowling a 3-game series of 233-216-248-697 (whatever that means) in the Thursday night League recently at Pleasure Lanes. NICE GOING, BILL!

Mrs. A. F. Wallace (Lynda) presented Mr. and Mrs. H. H. Perkins with an 8 pound, 2 ounce granddaughter on July 16, born at Memorial Hospital, North Little Rock. The Wallace family has since moved to Lawton, Okla., where Sonny is in the armed services.

Brenda and George West have settled down to a happily married life, so we are told.

Nancy and Jerry Brannon will probably be proud parents by the time of this publication. We offer pre-congratulations.

Freeman Riley, who joined the Final Estimate Section June 1, has a brand new baby blue Ford!

Recently, B. F. McClain (Charlene's husband) suffered a broken leg by a flying rock while mowing the yard. He spent several weeks on crutches and we are all glad to hear he is recovering and will be as good as new soon.

Our Boss, C. A. Shumaker, finally got away from the Construction Division's

busy telephones and heavy work load for a couple of days, anyway. He and his family spent August 24-26 at Buffalo River State Park, located between Harriet and Yellville. We learned "where" he spent his vacation from Mrs. Shumaker after he had returned to work.

Mr. and Mrs. L. A. McCain and son Don, spent their vacation in the Cumberland Mountains in Tennessee visiting Doris' relatives. Cumberland Mountain is a tobacco raising area. They also went sightseeing in Clarksville, Tenn.

Sixteen years is a long time to spend in school but two employees on the second floor have daughters who are continuing the school route but in a different capacity. Both began teaching careers August 28 at Hall High. Judy Matthews, daughter of "Uncle Fat" of Construction, will have all classes of geometry, and Janæ Pendergrass, daughter of John Pendergrass, assistant chief engineer, has science in all her classes. Judy graduated in January from Henderson State and Jane from Hendrix in May.

That's about it for now.



COUNTY PROGRAM

Barbara Oldham

The County Roads Division is growing! Our new employee is Lindsey Bellomy. Lindsey comes to us as a transfer from Resident Engineer Bob Oberle's Office in Sheridan. Welcome to our office!

We were without two of our hard working boys during the two weeks of August 3-14. Mike Pearce spent his two weeks in Air National Guard camp at Gulf Port, Mississippi. Charles Rain spent his two weeks in Army Reserve camp at Salt Lake City, Utah.

This reporter, husband Jim and brother Kermit, made a trip the week end of August 22 to Alabama. The trip was made to pick up our Aunt Mae Metcalf who lives in Fayette.

On our trip we went across the Helena Bridge. It is a beautiful structure and is really an asset to our state.

We also visited the campus of 'Ole Miss' in Oxford, Mississippi.

Traveling is fun but there is no place like ARKANSAS.

SAFETY TIP (for men only):
Watch your Curves - Not hers.



DIRECTOR'S OFFICE

Marie Blankenship

The week end of August 15, Dorothy Switzer and husband Drummond, with Marie and Bill Blankenship drove to Jackson, Miss. The Switzers visited his mother who is in the hospital over there, and Marie and Bill to visit Marie's cousins, Mr. and Mrs. Clyde Williams.

Joyce Spencer, husband Gick, and son Billy spent the week end of August 21 in New Orleans.

Bill Huie has returned from military leave of two weeks at Barksdale Air Force Base at Shreveport. Wife Glennie drove down to spend the last week with Bill.

Mary Day and her mother, Mrs. Lucille McVicker, spent the week end of August 22 in Bastrop, La., visiting friends.

Dorothy Switzer was called to Los Angeles August 20 due to the illness of her mother, Mrs. H. I. Power. Word was received August 27 of Mrs. Power's death. Our sincere sympathies are extended to Dorothy and family.



EQUIPMENT

Sally Crook

Cummings Ratcliffe is in St. Vincent's Hospital as of this writing recuperating from surgery on his back. Get well soon, Cummings.

Congratulations to Leon Sneed, equipment auditor, who was presented his 5-year service awards by C. Don Hayes August 4.

Lee Hardin, shop foreman, and his family spent four days in Tulsa visiting Lee's sister, Mrs. C. J. Weatherly. While there, he learned to sail a sailboat, which he said was a new experience for him. He also did some fishing and camped out with his sons.

Avalée Padgett and family visited Rockaway Beach, Silver Dollar City, and other points of interest around Branson, Mo., on their vacation. She reports good luck on their fishing - her husband caught his limit on trout at Blanchard Springs.

Parker Harden, his wife and daughter, went to Six Flags where he said they enjoyed themselves. Parker is still a little dizzy after riding all the rides with his daughter.

George Ashworth, mechanic in the heavy equipment shop, has bought a new house trailer and moved to Jacksonville. He and his wife live in Price's Trailer Court, which is real convenient to the Central Shops.

Our Boss C. Don Hayes and Maurice Head, his assistant, attended the preview

showing of the 1965 Chevrolets in Memphis August 28.

Carl Colvert has a new granddaughter, Tommie, who was born August 21 and weighed 7 pounds. Grandpa reports that both he and the new baby are doing fine. We wish him good luck in the years ahead.



PERSONNEL

Dorothy Lehman

Food is usually one of the favorite topics in Personnel, but week end trips have been foremost lately. Recently Sibble and Robert Cox spent three days at Greer's Lake and as usual Sibble brought home the bacon - or, in this case, the fish! The Coxes have bought a camper - a tent with floor, and they are mighty proud of it.

In July Jane Greenlee and her family motored to Washington, D.C. Their travels took them to the Smithsonian Institute, Monticello, the home of Thomas Jefferson, and many other interesting places.

We regret to see Mary Nell Sikes leave and only wish we could keep her with us. It has been a privilege to know Mary Nell and we will miss her. However, we know she is looking forward to returning to college. She will be a sophomore at Arkansas State Teachers College this fall, having transferred from Tech at Russellville. On Friday, August 28, her last day with us, she was feted with a small remembrance and farewell luncheon at Island X by members of Personnel and the two magazine staffers.



PLANNING AND RESEARCH

Bonnie Thomas

We have several new employees in Planning and Research. Edith Garland joined our group in the Administrative Section as typist and vari-typist. Edith has been on maternity leave for the past year. She has a baby boy. Larry Johnson is working in our Finance and Economics Section. Larry is a recent graduate of Arkansas State Teachers College and also is newly married.

We have two new employees on our traffic survey: Danny Cato and Hugh Welch. A new employee in the Mapping and Drafting Section is Vic Harrell. Vic is from Washington, D.C. and just recently finished a tour of duty with the Air Force. John Helgen is a new employee in the Road Life Section. John transferred to this office from the sign shop.

Vacations have been the main topic of conversations for the last few weeks. Mignon Besancon and a girl friend, Donna Kinningham, took a trip to California. They visited several tourist attractions going out there and stopped at the Grand Canyon on their way back. While in Los Angeles they visited Disneyland, took a trip up the coast and spent several days seeing sights and touring California.

Stuart Pattillo and his wife Eleanor, spent a few days relaxing in Pensacola, Fla. Nathan Bingham and his wife visited relatives in Texas.

The Mayo White family, Buddy Lewter and his family, Bill Looney and his family, Pat Patton and his family, the Bill Coopers and the Lester Jesters have all taken trips to Texas and "Six Flags" during the past few weeks. Each family had a good time.

Charles Frazier and his family spent their vacation in Denver, Colo.

A few of our fellows have made their contribution of time to "Uncle Sam." Ed Johnson spent two weeks' military leave at Fort Chaffee. Jim Barnett spent two weeks at Adams Field. Gary Foughty spent two weeks at Fort Chaffee and John Schay spent a couple of weeks at Camp Polk in Louisiana. Ralph Pack spent his time at Gulf Port, Miss.

Mark Gross's two children have been ill recently but both are doing fine now.

Some of our employees and their families have been ill. H. K. Eason has been on sick leave for several weeks.

Several of our summer employees have resigned to go back to school. Karen Schubert, David Collins, Harry Jones and John Schay. Jim Carvell, Jr., one of our traffic engineers, and his wife have moved to College Station, Tex. for a year, while Jim attends Texas A & M to work on his masters degree in civil engineering. Also another one of our fellow employees to leave was Ralph Pack. Ralph has accepted a traveling job. Good luck to Ralph with his new work.

The bowling team is about to get underway. The men from our Division who will be bowling this fall are Lester Jester, Nathan Bingham, Buddy Lewter, Mayo White, Charles Frazier, J. Hensley, Henry Mercer, Gary Foughty and Vic Harrell. Substitutes are Lee Gibbons, Bill Smith, Chester Willis, Pat Patton and Archie Wyatt.

We want to express our sympathies to Carroll Mathis and his wife on the loss of their new born baby.



PROCUREMENT

Lou Hardy

The Procurement Office has lost and gained an employee. We lost Maurice Carroll who has moved to Fayetteville while her husband, Aubrey, returns to the University of Arkansas to obtain his degree in electrical engineering. Maurice has been fortunate in securing a job there

at the University in the Engineering Department. We will miss her but at the same time wish them the best of everything. On Friday, the office presented her with a "going away" gift - a clothes hamper - and then we all lunched at Brownings. The employee we gained was Jeannie Burruss, a blue-eyed brunette and 20 years old, who enjoys fishing, hunting, boating, swimming, and reading. Jeannie is the daughter of Mr. and Mrs. Jinnings Burruss of Bradford. She graduated from Arkansas Tech last May with an associate of science degree in business. She has six other sisters and brothers. Jeannie is living in North Little Rock now with a married sister, Mrs. Tim Matchett.

Willene Dorris received her 10-year service pin last month and cake and coffee were served to celebrate the occasion. It was a complete surprise to Willene. Little Bud Dorris had a tooth extracted but seems to be doing fine. Lewis Wade's wife, Leta, changed jobs and is now employed by Crow-Burlingame as a comptometer operator.

My son, Kent, celebrated his third birthday August 8, and husband Alton celebrated his August 28.

Betty and Harold Claude spent a week's vacation at Six Flags and returned with lots of gay stories of the trip. Others who have spent part of their vacations at Six Flags were Frank Caple and family, and family, and Jim, Martha, and Conley Meredith.

Week ends of the past two months have been full of activity for the Merediths. They have camped and fished at Greers Ferry Lake and Ouachita, visited in various cities in Louisiana, besides the trip to Six Flags and Dallas. Son Conley returned to Fayetteville and the University September 5 for rush week. Jim will soon resume his organist and choirmaster work after a two months' vacation.



RIGHT OF WAY

Shirley Childress

Well believe it or not no one took a trip to Florida this month. In fact it seems as though Arkansas was a favorite vacation spot this time. For instance, Retha Griffin and sons, Terry and Bob, spent a few days at Bull Shoals along with other members of Retha's family. While there they saw Buffalo State Park and Norfolk Dam then went to Heber Springs where they spent one night and saw Greers Ferry Dam. Retha reports "the fishing was no good but the weather and scenery were nice."

Glendol Jackson and family spent a few days at Eureka Springs; Nancy Sipe and family spent the week end at Russellville visiting the John Lawrence family and Dick Andry took a week's vacation and spent it at home.

We do have a few employees that left the state though. Sherrie Buckles and her mother flew to El Paso, Tex. August 14th to visit friends. While there they went over into New Mexico and visited Carlsbad Caverns, saw a bull fight and the horse race's and visited a skiing lodge called Sierra Blanca located in Ruidoso, N.M.

Colonel Schafer of the Acquisition Section spent a week in New Mexico visiting his daughter.

Ben Walden and his wife spent the last week of July and the first week of August in Texas.

Bamey McCright underwent surgery at the Baptist Hospital, August 24.

We got a report that he is doing real well and will probably be going home in a few days. Hurry back Bamey, we miss you.

Henry Williams of the Appraisal Section was off three days after undergoing minor eye surgery.

Our tennis enthusiast, Jack Hamilton, who participated in the State Tennis Tournament in August as a player and as a tournament official, was elected president of the Arkansas District Tennis Association for 1965 at the annual banquet meeting held during the tournament. Jack is currently a vice president of the Association and will assume the duties of president in November.

Juanita Craft left us August 28 to return to school at Arkansas Tech. in Russellville where she will attend a two-week cheer leader practice session before starting the fall semester. The girls in Right-of-Way took her out to lunch before she left. The year 1965 should be a big year for Juanita because she will become Mrs. Gary Bowlin then she and her husband will both graduate next Spring. Her fiance is from Albuquerque, N.M. We are sorry to see Juanita leave but wish her good luck in her school activities this fall and a very Happy New Year.

We extend our sympathies to Mr. and Mrs. Don Martin in the loss of Mrs. Martin's father, Mr. E. B. Matkin of Little Rock; to Mr. and Mrs. Arthur Reichstadt in the loss of Mrs. Reichstadt's father, Mr. George C. Cochran of Jonesboro, and to Herbert Heffington, Jr. in the loss of his grandfather, Mr. W. A. McCartney of Newport.



TRAFFIC SERVICES

Sharon & Carolyn

Seems as though the deadline for reporting is rolling around all too frequently, catching us in another "pickle!"

Earl Hillis and wife spent a week end at the cabin on Lake Ouachita and then drove into the Ozarks to visit some relatives.

Charles Bland and James Pruitt both spent the first two weeks of August at the

National Guard Camp, Fort Polk, La. Can't really say that they had an enjoyable time, but at least they were able to come back to work.

William McClain spent a week of his vacation getting things wound up preparatory to selling his present home and arranging details for building a new home on his property in Jacksonville.

John C. Helgen transferred from our division to Planning and Research in August. He had transferred to our division in June. Good luck on your new job, John.

We welcomed to our division in August Dolph King of North Little Rock and William Sparrow of Searcy.

Bruce Hill's wife, Pat, spent some time in the Baptist Hospital and is at home now doing well.

Our summer employees are resigning to enter college this fall. Robert Daniels will be a senior at Arkansas State Teachers College at Conway, where he is majoring in business administration.

Floyd Bradberry and James Pruitt are going to Beebe Junior College. Fred Ursery has already gone back to Columbia University in New York. These boys were all on our center stripe crews.

Gilbert Davis will be a junior at Little Rock University and James Robey is attending Henderson State at Arkadelphia where he will be a junior. Both boys worked in the sign shop.



DISTRICT



Leslie Long

HAVE FUN! Lee Cox and immediate family, including a son from Rockford, Ill., did just that very thing. They made a very interesting trip to Canada. They traveled through the states of Oklahoma, Colorado, Wyoming, Idaho, Kansas, Nebraska, and Montana. Some of the highlights of their trip were a scenic tour of the Badlands of South Dakota and a bird's eye view of Mt. Rushmore National Monument, and a trip through Yellowstone National Park with a stop at Old Faithful to witness the spectacular eruption there. In Canada they visited Cardston, the Temple City of Canada, and Waterton Lakes National Park at Alberta. They traveled the famous Sun Highway. On their return trip they drove through Montana to visit the Custer Battlefield National Monument and stopped to view the St. Lawrence River Falls.

Barney Doss made a trip to Nashville, Tenn. to assist in moving his son, who teaches school, to Phoenix, Ariz. Apart from investing in an old postoffice panel mail truck at an auction sale, they did the moving in their own vehicles, and enjoyed a very scenic trip, taking the southern route out and returning the northern route.

Mrs. Selma Chavis, our right-hand gal in stockroom, came back from a week of



The falls on the St. Lawrence River at Great Falls, Mont., was one of the stops made by Lee Cox and his family when they vacationed recently.

golfing, swimming, and playing bridge only to comment that she needed more time to recuperate. Too much golfing, eh?

That lean, hungry look on Brewster Shalmy's face for about ten days was due to his batching while wife, Sunny, was vacationing with friends in Miami and Nassau. She reports there was really nothing like it.

Olan Clark responded to the challenge of the great outdoors by taking a group of five boys, two of them his sons, all members of the Pine Bluff Boys Club, for a week's outing at Camp Yorktown Bay on Lake Ouachita.



Our fish story for the month is best told by the above picture of "Red" Goins, right, his son-in-law, and Olan Clark and two sons.

Receiving service awards in August were Monroe Edward House, 15 years, and Clarence Livingston, 5 years.

The George Kames of Monticello have moved into their new home. Maybe they'll get a picture or a house-warming news item.

Van Campbell visited our headquarters recently and made an informative talk on Sign Codes and Procedures and Road Markings. Our most recent visitor was R. B. Winfrey.

Our sincere sympathies are extended to Artis Price in the death of his twin brother.

MISSISSIPPI DISTRICT 3

Olive Jackson

Certificates of service were awarded to the following in August: Ardell McCollum Clark, 20 years, Arthur Glen Owens and Billy Wayne Steward, 10 years.

Those attending the Diesel Technical Instruction School held in North Little Rock August 26 were Floyd Pharris, Sr., equipment supervisor, Clovis G. Tittle, and Thomas Adams, mechanics. They reported a good meeting.

While visiting his parents, Earline and Floyd Pharris, Sr., Floyd, Jr., of Accounting Division, dropped by the district office for a short visit with the office personnel recently.

Houston and Omera Kitchens vacationed several days in Louisiana. In Jena, La., they visited Omera's brother and sister-in-law, the Jack Evans.

This office had a nice visit from a former employee, Jesse Griffin of Prescott the last of August. Jesse retired from the Department last April.

Houston Kitchens and Donald Embry, who are on military leave, have reported to Newport News, Va., for three weeks' training. Just returning from summer encampment at Fort Polk, La., are Franklin Page, Ralph W. McKinnon, O. W. Marcum, and William T. Smith. Dale Fulmer and Alton Treadway are back at work after six months' military leave.

Mr. and Mrs. Bryan Duncan are the proud parents of a little boy who arrived July 20. He has been named Garry Lynn.

New employees: Claude Dunne and Larry Hall of DeQueen.

Billy Wayne and Robbie Jean Stewart and three children, Randy, Debbie, and Bruce, returned from points in Texas. They visited Six Flags and Billy Wayne's sisters and brothers in Garland, Richardson, and Plano, Tex.

We extend our deepest sympathies to Floyd Taylor whose mother, Mrs. Maude Taylor of Prescott died August 12. And to Eldredge and Edna Lee in the death of their little 7-year-old grandson, Dennis Troy Flowers of Houston, Tex., who was killed when struck by an automobile.

MISSISSIPPI DISTRICT 6

Bob Valentine

News from District 6 is a bit on the lean side, with short and long vacations the big topic.

Georgia Russenberg and husband went to Austin, Tex. recently for a visit with in-laws. They also tried out their new Pontiac and Georgia said it performed perfectly.

Yours truly also spent a week in the panhandle of Texas - Borger, to be exact. We (wife and children) visited my dad and his wife.

Lou Brains attended a police convention in Fort Smith with her husband, Little Rock Police Chief R. E. Brains.

Many other members of District 6 spent leisure hours fishing, relaxing, etc.

We're sorry to see Bill Dodson, a member of Charles Broadway's crew, leave us. Bill had 14 years' service with AHD before resigning. Best of luck, Bill.

Service awards last month went to R. A. Copeland, 15 years, and G. W. "Wash" Long, and M. E. Deakins, 5 years.

The Highway bowling league got underway last month with District 6 fielding its first team. Team members are Don and Earl McDaniel, V. J. Homsley, Phil Harris, Ralph Henson, Frank Renaud, and this reporter.

Correction

In the last issue of "Arkansas Highways" under the picture of J. H. Long's twin grandsons, it was erroneously stated that the youngsters were 10 months apart in age. We were misinformed on this and it should have been 10 minutes apart. We regret the error. Ed.



DISTRICT



Isabelle Psalmonds

Service awards presented in August went to James C. Harvison, 10 years, and Frankie F. Lovelace, 15 years.

Two new young ladies made their appearance in District 10 in August. Cody Dawn Harvison, new daughter of J. C. Harvison (junior instrumentman) and Mrs. Harvison of Lepanto, arrived August 16. She tipped the scales at 6 pounds, 4 ounces. On August 18, Trena Lynn Hyde arrived. She is the new daughter of Billy C. Hyde (instrumentman) and Mrs. Hyde of Osceola. She is a little heavier than Dawn as she weighed 7 pounds, 10 ounces. Congratulations to both couples.

On August 4, John F. Price, our boss, attended the Rotary Club in Harrisburg with Johnnie Gray, Department photographer who showed his new film. On August 26, Mr. Price furnished the program for the Manila Lions Club. Y. W. Whelchel, at Mr. Price's request, arranged to show the film. Both of these groups expressed their appreciation for the film and indicated

that they thoroughly enjoyed it. It is always appreciated when anyone from Little Rock brings the film to show. John Sanders, maintenance superintendent, also attended the meeting in Manila.

Nelson Ladd, job superintendent, and his family are enjoying a few days' vacation up on the lake at Mountain Home.



DISTRICT



Netha Brown

Resident Engineer J. R. Little's employees enjoyed a fish fry Friday night, August 28 at Horsehead Lake. The food (consisting of fish and all that goes with it) was prepared by A. G. Rives, Jr., Jerry Canerday, and Leonard Arrington. Guests were Mr. and Mrs. John Lawrence and family, Russellville, Mr. and Mrs. Chuck Jones and family spent the week end with the Littles.

Also, T. G. Orton's crew enjoyed a picnic of fried chicken and all the trimmings at Lake Beaverfork, Saturday August 29.



DISTRICT



Burnham & Campbell

A 15-year service pin and certificate was presented to William Aubrey Herring recently. Congratulations, William!

Patricia Keeton (Mrs.) is the new field clerk in Resident Engineer N. D. Pumphrey's office while Mary Nell Carlson is on maternity leave.

W. E. Hicks, district engineer, talked to the Arkadelphia Rotary Club July 31. His subject was on interstate highways. He spoke on the location of the network and the construction, maintenance, and use of his type of highway.

Al Johnson, with the Bureau of Public Roads, made a final inspection of a county road project in the district during August.

A. W. Hardy, Jr., resident engineer at El Dorado, has started a project on U.S. 167, south of El Dorado. Norman Pumphrey has started a bypass job at Fordyce and Gayle Gunn will soon begin another interstate project south of Arkadelphia.



(Letters cont'd.)

Dear Sir:

To whom it may concern. I would at this time thank the man of the Highway Department who came to our assistance on July 21, 1964. I didn't get the names of those who helped us. I thank all those persons who helped in our terrible accident. Those who assisted will know. My husband and my heartfelt thanks. I would also like to thank the State Police officer, who was so kind to us in our hour of need. I think his last name is Smith and the first name could have been Jack.

Sincerely,
Mrs. Sam Spears

Dear Sirs:

Last week, in driving from Fayetteville to Ozark, we traveled Highway 23. First let me say we were impressed by the courteous treatment of the young University students handling the one-way traffic where construction was in progress. We would like to make a suggestion that you make a turnout stopping place somewhere or cut some of the trees while you are working on that road. We caught tantalizing glimpses of a beautiful valley but only very fleeting glimpses!

We are urging tourists to drive our beautiful roads and they want to see the lovely scenery.

Let me commend you for your excellent work in a very trying task - trying to keep our highways in shape.

Sincerely,
Mrs. I. Nels Barnett

Sirs:

This is for your information in case you are trying to upgrade AHD personnel who are guilty of stupid driving.

Just after 8 o'clock Friday morning, August 14, 1964, an AHD single unit truck drove west at low speeds, 18-20 mph, through the 35 mph zone between the Roosevelt Road/Asher Avenue junction to the University/Asher intersection. For many blocks the AHD truck drove in the inside passing lane practically

glued to the side of another big single unit van truck. It was the stretch just east of the University intersection before traffic could get around them.

Traffic piled up behind the two trucks crawling along at their low speed and it was especially ticklish for everybody was hunting a passing opportunity and there was a heavily loaded asphalt truck (not AHD) in the pile-up.

The AHD truck was certainly, by monopolizing the passing lane, winning enemies for the AHD and influencing the drivers behind to attempt hazardous driving maneuvers - Dale Carnegie in reverse, no? It was a perfect illustration of the traffic engineering professions' statement that the slow driver is seldom involved in an accident but often the cause of the accident.

Name Withheld

Department of State
Agency for International Development
Washington, D. C.

Mr. Ward Goodman
State Highway Department
Little Rock, Arkansas

Dear Mr. Goodman:

This opportunity is taken to express appreciation on behalf of the Office of International Training for the excellent program that you and your associates presented to the Brazilian Highway directors during their recent visit in your state.

Not only were the program arrangements thoroughly planned in advance but the execution of all aspects of your program were carried out in a masterful way by your associates.

The informal courtesies and social events contributed a great deal to the favorable impressions in the minds of the Brazilian visitors who, by their own assertions, will retain always many fond memories of the personalities, places and events that made their visit to Arkansas an unforgettable experience.

ARKANSAS HIGHWAYS

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No. 9

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

THE COMMISSION

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(Acting Director of Highways)

Ward Goodman

Prepared and edited under the supervision of the Administrative Assistant's Office.

Martha L. Adams.....editor, layout, vari-typist
Pat Johnson.....vari-typist, artwork
Johnnie Gray.....Department photographer

This agency is prepared to forward to you a Certificate of Cooperation as a small symbol of the valued contribution that your organization has made toward the implementation of the subject project, which has proven to be a highly successful one. Unfortunately, the certificate is not available to individuals, but to organizations only. If you are interested in receiving the certificate, will you kindly return the enclosed postcard showing the organizational designation that you wish to have imprinted on the certificate.

Sincerely yours,
Leslie A. White, Program Developer
Industrial Techniques Training Branch
Office of International Training

Dear Ward:

In the near future we plan to inaugurate, for the first time in the Arkansas State Penitentiary, an elementary educational program.

Toward this end it would be greatly appreciated by us if your Department would, now, and in the future, conserve for our use such useful articles as scratch-pads, pencils, (colored or plain graphite), pen points, inkwells, pen holders, chalk or other sundry items which would be of use in the classroom but which have outlived their usefulness to your Department.

All of us tend to put aside various articles used in everyday office procedure which, having served their primary purpose, are still useful and a little too good to throw away.

Rather than let them lie there collecting dust or taking up valuable space why not send them to us for our students to utilize their full benefit? Besides clearing your Department of accumulated "odds and ends" you will be making a valuable contribution to our budding educational program.

Sincerely yours,
Dan D. Stephens, Superintendent
Arkansas State Penitentiary

Dan Stephens was chief counsel of the Highway Department's Legal Division from September 1961 until October 31, 1962 when he resigned to accept his present position. Mr. Goodman wrote Stephens commending him for initiating the educational program and promised the Department's wholehearted support.



THIS'LL
KILL YA

All evening long four card players had been pestered by a kibitzer. When he went out of the room for awhile, they hit on a plan to silence him. "Let's make up a game no one ever heard of," one of said, "Then he'll have to shut up."

The kibitzer returned.

The dealer tore two cards in half and gave them to the man on his left. He tore the corners off three cards and spread them out in front of the man opposite him. Then he tore five cards in quarters, gave fifteen pieces to the man on his right and kept five himself. "I have a mingle," he said, "I'll bet a dollar."

"I have a snazzle," the next man announced, "I'll raise you a dollar."

The third man folded without betting and the fourth, after due deliberation, said, "I've got a farfle. I'll raise you two dollars."

The kibitzer shook his head vehemently, "You're crazy," he said, "You're never going to beat a mingle and a snazzle with a lousy farfle!"

A new army recruit was placed on guard duty. Posted on the early morning relief, he did his best, but in the end went to sleep on his feet. He was awakened by a slight noise, and raising only his eyes, saw the Officer of the Day standing in front of him. Remembering the heavy penalty for sleeping on post, the recruit stood for another moment with his head bowed. Then, raising slowly, he looked piously into the sky and reverently murmured, "Amen."

"All right, all right," snapped the wife to her husband, "so I like to spend money, but name one other extravagance."

The small boy interrupted his father, who was reading the newspaper. "Pop," the boy said, "I'm supposed to tell you there's going to be a small PTA meeting tomorrow night."

"Well, if it's just a small one, do I have to go?" the father asked. "Oh, yes," his son replied. "It's just you, me, and the principal."

"Will you pass the nuts, Professor?" asked the dinner guest. "Yes," answered the professor, absentmindedly, "I suppose so, but I really should flunk them."

Today's atomic age youngsters have worries the rest of us never had when we wanted to run away from home. For instance, consider the following farewell note written by a 9-year-old Milwaukee girl, after a quarrel with her brothers: "Goodbye family. You all hate me. I love you all very much. God bless you." On the bottom of the page she had written, "Over." And on the other side: "In case of air raid, I'm in the attic."

Boy: "Let's go out riding. We'll pause and look at the moon."
Girl: "We'll look at the moon--but keep your paws to yourself."

Stella: "Does your new fellow like to go out to Las Vegas and gamble for money?"

Della: "No, indeed! He'd much rather take me home and play for fun."

The administration official was conducting two out-of-town friends on a tour of the famous Franciscan Monastery in Washington. At the information desk, an elderly friar was handing out pamphlets filled with facts about the monastery.

One visitor looked in the pamphlet and read that all the friars and brothers rise at 4 a.m., seven days a week. He went back to the old friar and said, "Surely this is a mistake."

The friar read the sentence, smiled and said, "It certainly is a mistake. But, unfortunately, it's true."

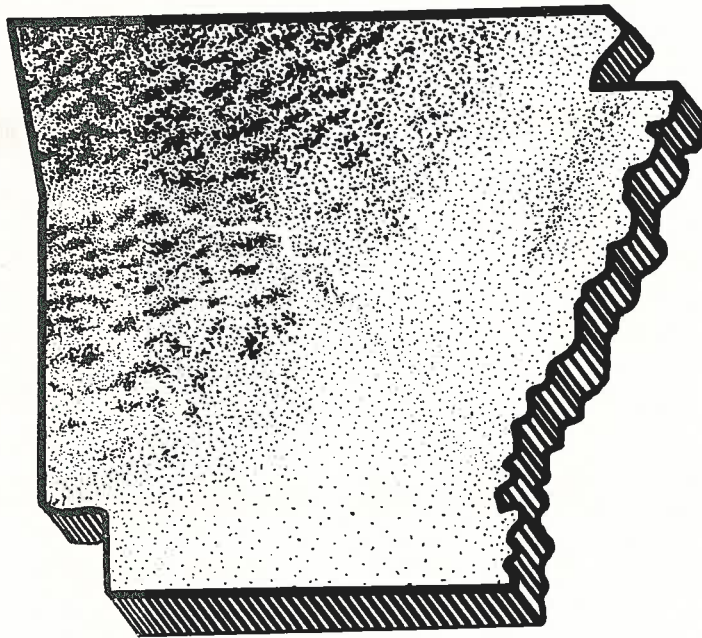
"What happened to the girl you used to saw in half in your magic act?"

"She's living in Miami and Denver."



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COVER PICTURE: Paving on Interstate 40, from Morgan back toward Levy. The batch plant in the upper picture is mobile and is moved from job to job. Two contractor's employees work continuously spreading the concrete from the tilt type truck which holds eight yards of concrete.