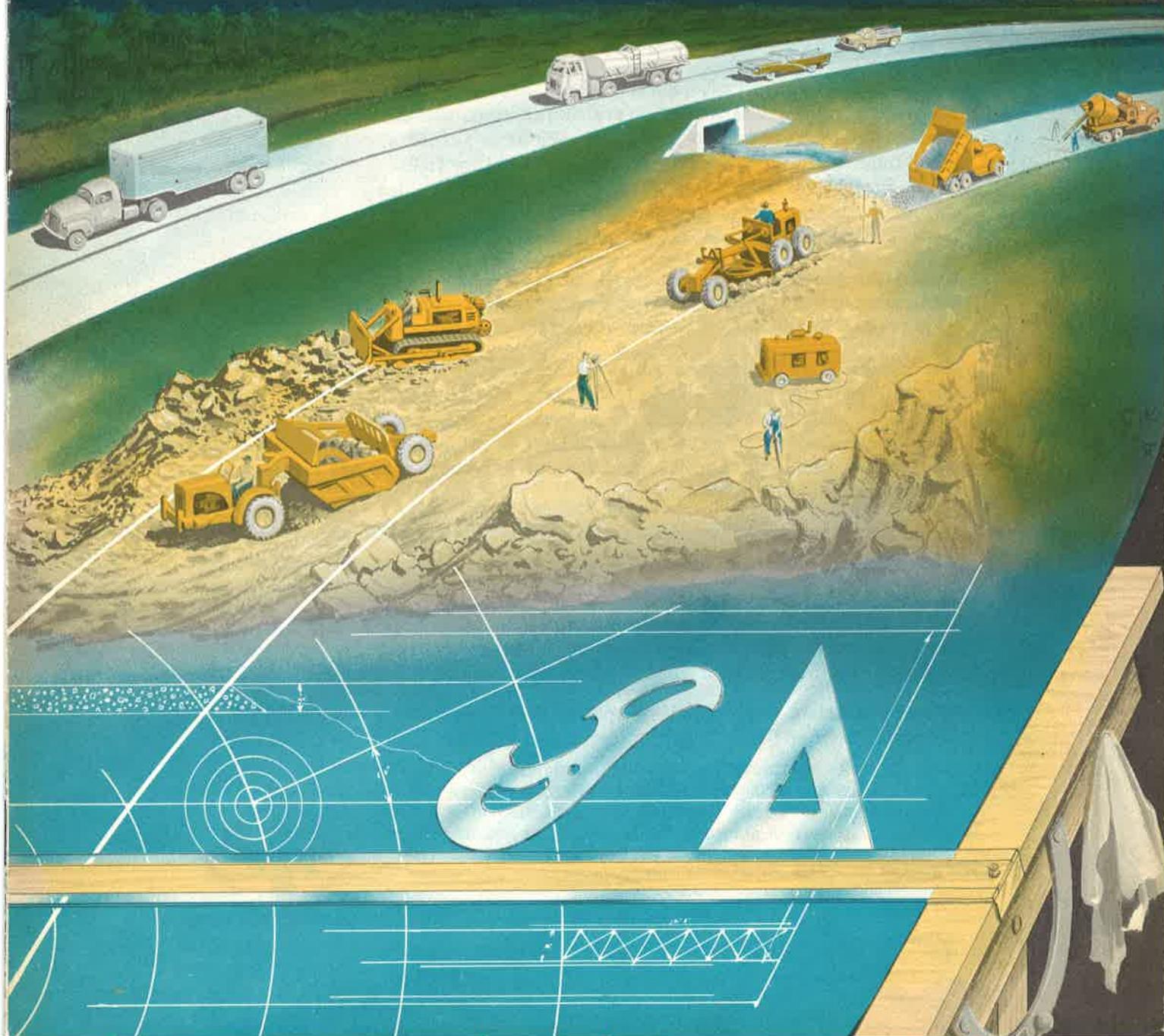


Inside your highway department



An Introduction to your highway department

The people of our State have traveled far since the automobile first came upon the scene less than 60 years ago. We have pushed ahead in social, spiritual, industrial, educational, cultural, and all other fields to a degree once believed impossible. From today's position we look confidently into tomorrow, strong in our knowledge that what we need can be had through common efforts, understanding and determination.

One of the greatest influences of all times upon how people live and what they do comes from the mode of transportation used to move themselves and their possessions. Roads have determined the fate of nations since time began.

The Georgia Highway Department, since its creation 41 years ago, has directed the road activities in the State, always progressing, continually meeting new situations, supplying road needs, in co-operation with the lawmakers. In this period, thousands of miles of highways have been built, maintained and operated for the people of the State and for our neighbors who are coming more often to see us from near and far.

In the four years of the present Administration, more than 25% of all the road constructed in the State's history will have been built.

This booklet is designed to tell you a little about your Highway Department, and to introduce to you some of the individuals who have quietly and effectively carried on, and who are today energetically pushing forward the tremendous new programs of roadbuilding now coming into reality.

The co-operation, understanding and help of Georgians everywhere will be welcomed by your State Highway Board and all members of the Department.





“keeping step with progress . . .

. . . and aware of the ever increasing demand for more and better roads, this administration has embarked on a program of highway expansion and improvement never before equaled in this state. The number of vehicles on our highways is increasing every day. This fact is indicated in the revenue from our road use tax (motor vehicle registration fees and motor fuel taxes) which has increased from \$64,158,556.00 in 1954 to \$87,241,936.00 in 1956.

The 1956 Federal-Aid Highway Act launched the biggest road building program in the nation's history. This colossal \$50 billion project, slated for completion in 15 years, calls for the construction of 41,000 miles of superhighways. The network is designed to allow motorists to travel the length and breadth of the country without meeting a single traffic light.

Georgia's share of the express-type highways will total 1,171 miles, and will be financed on a 10% state and 90% federal matching basis. It will be the focal point for the entire network of Interstate Highways in the Southeast. Engineers estimate that it will take about a billion dollars to complete this network of modern highways in Georgia.

This same Act calls for the expansion and improvement of our system of primary, secondary and urban roads. State matching funds, on a 50-50 basis, are being provided to take advantage of this phase of the program.

State and federal funds for the entire Federal-Aid-Program amounted to \$40,000,000.00 in 1956 and will reach \$71,000,000.00 in 1957, \$83,250,000 in 1958 and \$92,178,000 in 1959. It is expected that the program will stabilize at \$100 million annually in 1960 and remain at that figure until the program is completed.

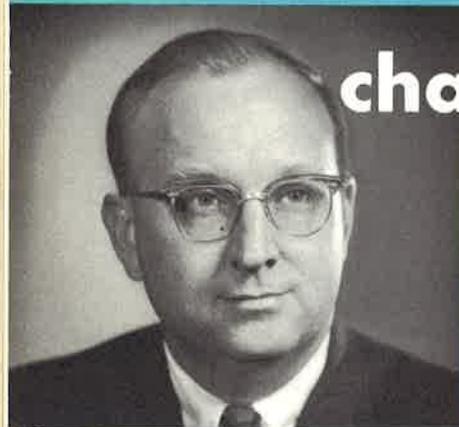
Early in 1957 the State Highway Department moved into a new \$2,000,000.00 headquarters building on Capitol Square. This six-story edifice of modern design, is one of the nation's finest highway administrative centers. It provides research and engineering facilities adequate to meet the demands for future highway development.

The acute shortage of engineers was of immediate concern when this administration came into office. This shortage has been solved to a great extent in two ways: a number of modern engineering techniques have been employed, such as the use of photogrammetry and electronic computation in the design and planning of road and building projects; a recruiting program supplies graduates from technical institutes for use as instrument men, draftsmen and inspectors and graduates from Georgia Tech and other leading engineering colleges as future highway executives.



The State Highway

board



chairman

ROY F. CHALKER, Chairman **Waynesboro, Georgia**
Southern Highway District. Comprising 1st, 2nd and 8th Congressional Districts. Appointed July 16, 1956, by the Governor to serve until convening of General Assembly and was then elected to serve until February 8, 1962. Elected chairman July 8, 1957.



JOHN E. QUILLIAN, Member **Gainesville, Georgia**
Northern Highway District. Comprising 5th, 7th and 9th Congressional Districts. Elected member February 2, 1950, term ended February 8, 1952; reelected for 6 year term ending February 8, 1958.



GEORGE L. MATHEWS, Member **Americus, Georgia**
Central Highway District. Comprising 3rd, 4th, 6th and 10th Congressional Districts. Appointed by the Governor July 8, 1957, until convening of Legislature, to serve unexpired term, ending February 8, 1960.

The State Highway **engineer**



M. L. SHADBURN

The State Highway Engineer is the chief engineering officer of the State Highway Department and is responsible directly to the State Highway Board. He directs and supervises through the various division heads and the field division engineers, the planning, location, design, construction, and maintenance of all roads and bridges on the State Highway System, as well as the construction of Post Roads. He directs the selection and assignment of engineering personnel, and establishes the policies and procedures to be followed in the training of graduate civil engineers.



Administrative **V. W. SMITH**

Assistant State Highway Engineer—Administrative, whose principal duty is the overall direction of the Federal-aid highway programs. He coordinates and expedites the work of the several divisions concerned with the various operations involved in placing Federal-aid projects under contract, and maintains liaison with the Bureau of Public Roads. Where necessary, he issues instructions for straightening out any difficulties which arise in the preparation of plans, procurement of right-of-way, letting of contracts, etc.

General **C. S. FAIN**

Assistant State Highway Engineer—General . . . handles the work in connection with contracts for State-aid and Post Road projects to be constructed with 100% State funds. He is also responsible for carrying on the general and routine activities in the office of the State Highway Engineer.



Federal **F. P. KING**

Assistant State Highway Engineer—Federal . . . responsible for the preparation and submission of the various Federal-aid programs to the Bureau of Public Roads and handles all details in connection with obtaining Public Roads approval of the projects. He furnishes information as to costs, etc., on proposed projects to the State Highway Board members, who select the projects to be included in the programs.

Rural Roads **JOHN W. WADE**



finance and audit

BENTON ODOM
Secretary & Treasurer



The Treasurer of the State Highway Department is the administrative head of the Division of Finance and Audits. It is his duty and responsibility to receive, protect, and disburse all funds coming into the Highway Department. The Division of Finance and Audits maintains an adequate system of financial records and an internal audit system. It prepares, quarterly, a comprehensive budget under which the Treasurer approves all funds for the purchase of equipment, materials, supplies and services before such purchases are authorized by the State Highway Board. This division prepares all financial reports, including a monthly balance sheet with supporting data which reflects the current financial condition of the Highway Department and the available resources to the end of the current fiscal year.

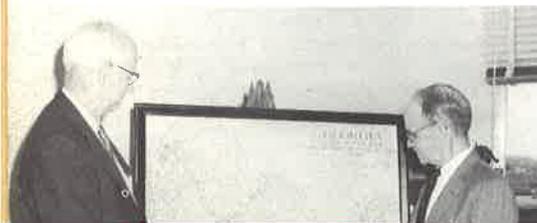


planning

ROY A. FLYNT
State Highway Planning Engineer



The Division of Highway Planning is operated in cooperation with the U. S. Bureau of Public Roads and is financed jointly with Federal and State funds. The principal functions of the Division of Highway Planning consist of conducting fact-finding studies, economic investigations, fiscal studies, inventories of highways, traffic safety engineering, rural traffic surveys, urban traffic studies, preparation of state and county maps, and recording the history of road development. Reports and recommendations prepared on the basis of these studies and records aid the members of the State Highway Board and other officials of the Highway Department in the formulation of policies and the intelligent planning for future highway needs. Much of the work carried on by this division has been made a prerequisite of approval for Federal-aid construction projects.





urban

S. P. ALLISON
State Highway Urban Engineer



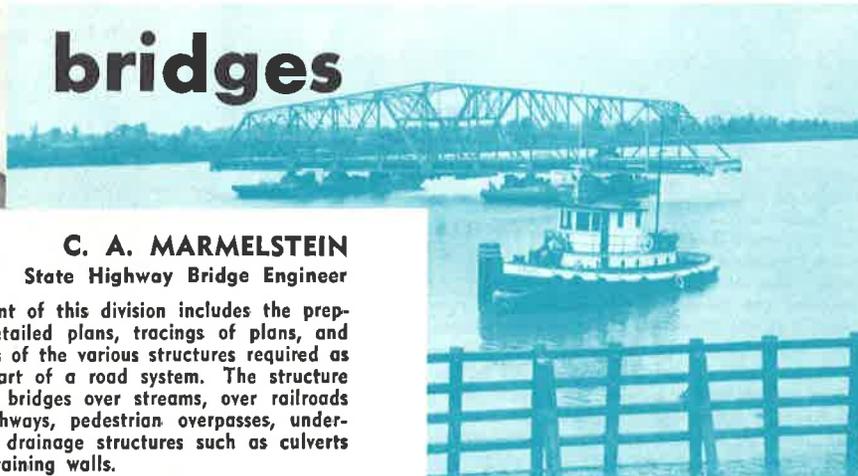
The Division of Urban Projects is responsible for the preparation of plans and advancement of projects to be constructed with Federal-aid Urban funds. These funds may be expended only on the urban extensions of the Federal-aid Primary and Secondary Systems within urban areas of 5,000 or more population. Regulations permit approval only of projects that increase the traffic capacity of streets or roads in urban areas to the extent of at least one additional lane of traffic. Minor street improvements, repaving, or other work inside curb lines is not eligible for the expenditure of Urban funds.



bridges

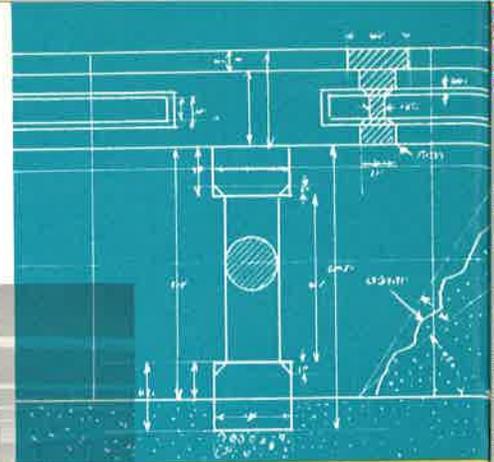
C. A. MARMELSTEIN
State Highway Bridge Engineer

The assignment of this division includes the preparation of detailed plans, tracings of plans, and cost estimates of the various structures required as an integral part of a road system. The structure types include bridges over streams, over railroads and over highways, pedestrian overpasses, underpasses, minor drainage structures such as culverts and major retaining walls.



design

JOHN M. WILKERSON, JR.
State Road Design Engineer



The Roadway Design Department prepares plans for all of the Primary and Interstate projects which lie outside the Urban Limits of the larger municipalities. Full use is made of the latest electronic computer methods, aerial mapping and photogrammetric processes in the preparation of designs. In addition, plans are prepared for all railroad grade crossing signal projects, files are maintained of the plans for all previously constructed projects. Operations of the blue print and photostat reproduction section is also a responsibility of this department.



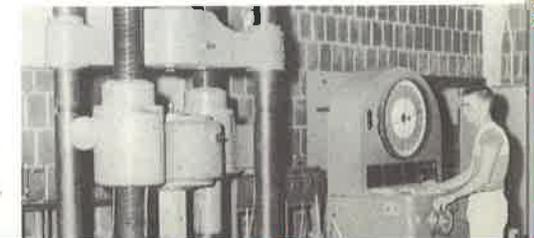
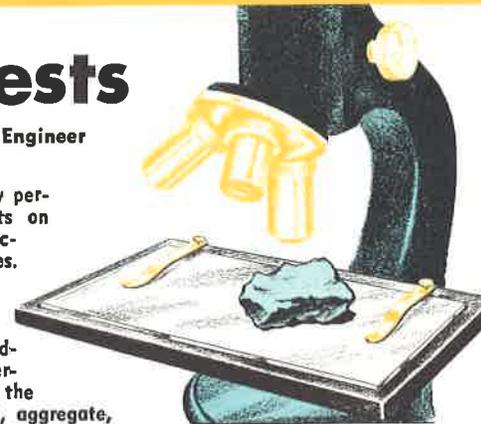
materials and tests

W. F. ABERCROMBIE State Highway Materials Engineer



The Division of Materials & Tests primarily performs routine physical and chemical tests on all types of materials used in the construction and maintenance of roads and bridges. To perform these duties the Laboratory is situated in a new million dollar joint research and laboratory building on the campus of Georgia Institute of Technology. In addition to the general office in Atlanta it operates five branch laboratories. One in each of the field divisions where routine tests on soils, aggregate, and bituminous plant mixtures can be tested expeditiously for the mutual benefit of the department and the contractor.

In addition the Laboratory makes surveys of the local natural materials occurring along a proposed project and by latest methods develops designs to utilize them to the best advantage to the standpoint of service and economy. To perform this phase of work the Laboratory maintains four to five soil survey parties which operate throughout the state along with trained bridge foundation study crews who work closely with the bridge department in performance of their duties.



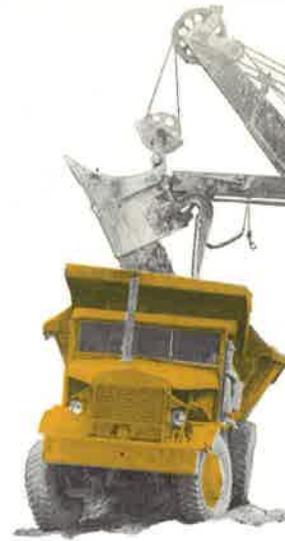
construction

C. W. LEFTWICH
State Highway Construction Engineer



The function of the Division of Construction is the inspection on the ground for sufficiency and accuracy of project plans for Interstate, Primary and Secondary roads and preparation of a written report on same; also general supervision of construction performed by the contract method. The Division of Materials and Tests is under the general supervision of the State Highway Construction Engineer. The organization of the division itself consists of five highway construction engineers, one assigned to each division; two engineers and one senior draftsman assigned to Plans Specifications and Estimate Inspections; one engineer assigned to state wide paving projects, and one engineer in charge of the office.

construction performed by the contract method. The Division of Materials and Tests is under the general supervision of the State Highway Construction Engineer. The organization of the division itself consists of five highway construction engineers, one assigned to each division; two engineers and one senior draftsman assigned to Plans Specifications and Estimate Inspections; one engineer assigned to state wide paving projects, and one engineer in charge of the office.



maintenance

J. O. BACON
State Highway Maintenance Engineer



It is the responsibility of the Division of Maintenance, Equipment and Warehouse to maintain the roads and bridges on the State Highway System in which the citizens of Georgia have an investment that is increasing by millions of dollars each year, and consequently the protection of this investment is increasing proportionately. The functions of this division is economically maintaining the highways, so as to make them of maximum service to the traveling public; include the repair and rebuilding of equipment, the operation of warehouses, fabrication and erection of signs, placing of center lines, painting of bridges, maintenance of roadside work.

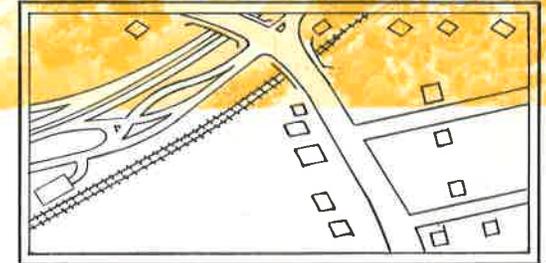




The Division of Surveys and Aerial Mapping is responsible for all location surveys, aerial photographic mapping, and the operation of an aerial laboratory.

surveys and aerial mapping

L. W. VERNER
State Highway Location Engineer



rights of way

C. A. CURTIS
State Highway Right-of-Way Engineer

The Division of Right-of-Way is responsible for the acquisition of right-of-way on all State and Federal-aid projects, and handles many of the details in connection with procurement of right-of-way on projects of the Georgia Rural Roads Authority. During the past year, right-of-way deeds and easements have been secured on approximately 1,210 projects, exclusive of county contract work. Also, permits for encroachments on the State highway right-of-way are prosecuted by this division.



Rural



ROY F. CHALKER, Chairman
Waynesboro, Georgia



WALTER B. WILLIAMS, Vice-Chairman
Gray, Georgia



WILLIS N. HARDEN
P.O. Box 300, Commerce, Georgia



L. A. LEE
Dalton, Georgia





JOHN E. SHEFFIELD
Secretary
Quitman, Georgia



BENTON ODOM
Treasurer
Atlanta, Georgia



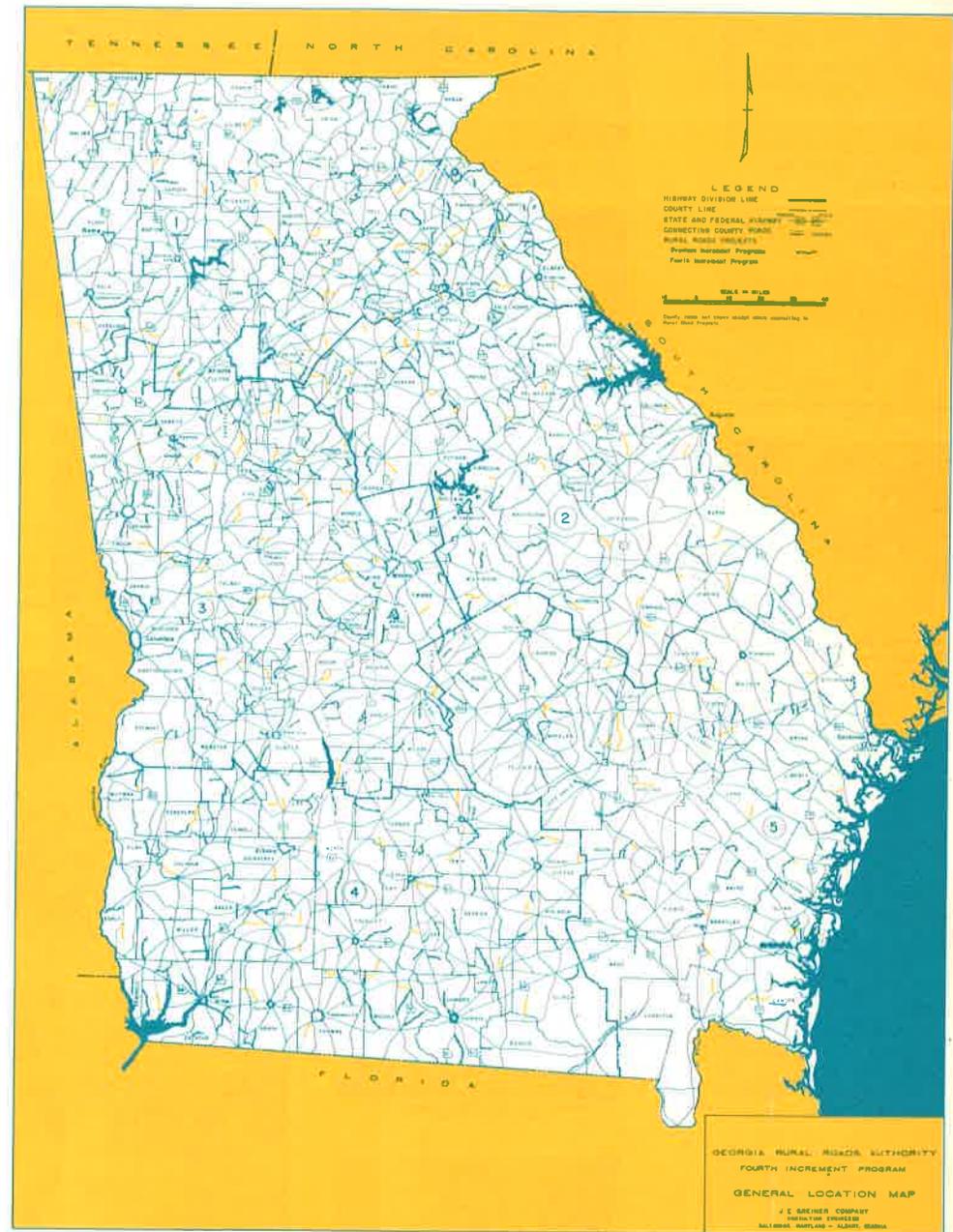
JOHN W. WADE
Asst. State Hwy. Engr.
Decatur, Georgia



B. D. MURPHY
Bond Attorney
Atlanta, Georgia



DAVID S. PRICE
Jesup, Georgia



Realizing the growing need for improved roads in our rural areas, the 1955 Legislature, on the recommendation of the Governor, enacted a Rural Roads Authority. Under this unique plan, which is financed entirely from state funds, the Highway Department assumed the responsibility of supervising all engineering and construction necessary to expend the funds provided by this Act.

The Program was swiftly put into operation. By July 1955, the first bond increment was set up to finance \$14,500,000.00 for roads in 123 counties. In March 1956, an additional \$15,500,000.00 was set up for road construction in 114 counties. In December 1956, an additional \$17,500,000.00 was authorized by proclamation to cover the third bond increment which involved 120 counties. July 1957 bonds were sold for the fourth increment in the amount of \$17,500,000.00 for 639 miles of roads in 121 counties. The amount of the four bond increments totals \$65,000,000.00 for 3,124 miles of roads in all of the 159 counties.

teamwork is the key ...



A. L. Coker, Right-of-Way Engr.,
Tifton Division



S. M. Brady, Highway Utilities Agent



Roger Brown, Asst. Division Engr.,
Gainesville Division



W. W. MacDougall, Asst. Engr.—
Post Roads Division



A. N. Knight, Engineering
Auditor and Treasurer, Credit Union



J. B. Jeffreys, Project Files



G. S. Cargill, Jr., Asst. Design Engr.



C. P. Smith, Asst. Maintenance Engr.



C. P. Lockwood, Asst. Design Engr.



Roscoe Tate, Design Engr.



O. P. Young, Bldg. Supt.



W. C. Summers, Asst. Office Engr.



Elevator Operators



Personnel Department



Mail Room





T. D. Spence, Office Engr.



John C. Lewis, Personnel Administrator and Compensation Attorney



Fred L. Ackerson, Asst. Const. Engr.



W. M. Williams, Finance Officer



Ann W. Reilly, Senior Personnel Asst.



T. D. House, Planning Engr.



F. M. Stafford, Engr.-Plans-Right-of-Way



. . . to road building in Georgia
Persons shown here and many others not shown are the great team that make up your State Highway Department.



L. H. Lyle, Design Engr.



C. M. Gay, Engineering Administrative Aide



Mary S. Smith, Secretary to Board



Mary Autry, Receptionist to Highway Board



G. P. Erickson, Asst. Planning Engr.



A. H. Murphy, Engineering Administrative Aide



Mrs. Jane E. Lyles, Secretary to Mr. Shadburn



Mrs. Clarice Skene, Secretary to Mr. Wilkerson



Roy Spruell, Senior Highway Auditor



C. H. Holder, Office Mgr., Planning Division



Mrs. Evelyn Tinsley, Secretary to Mr. Caldwell



Mrs. Evelyn Thomas, Secretary to Mr. Johnson

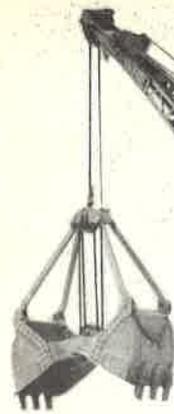


Stephen J. Kasmerski, Chief Cartographic Draftsman



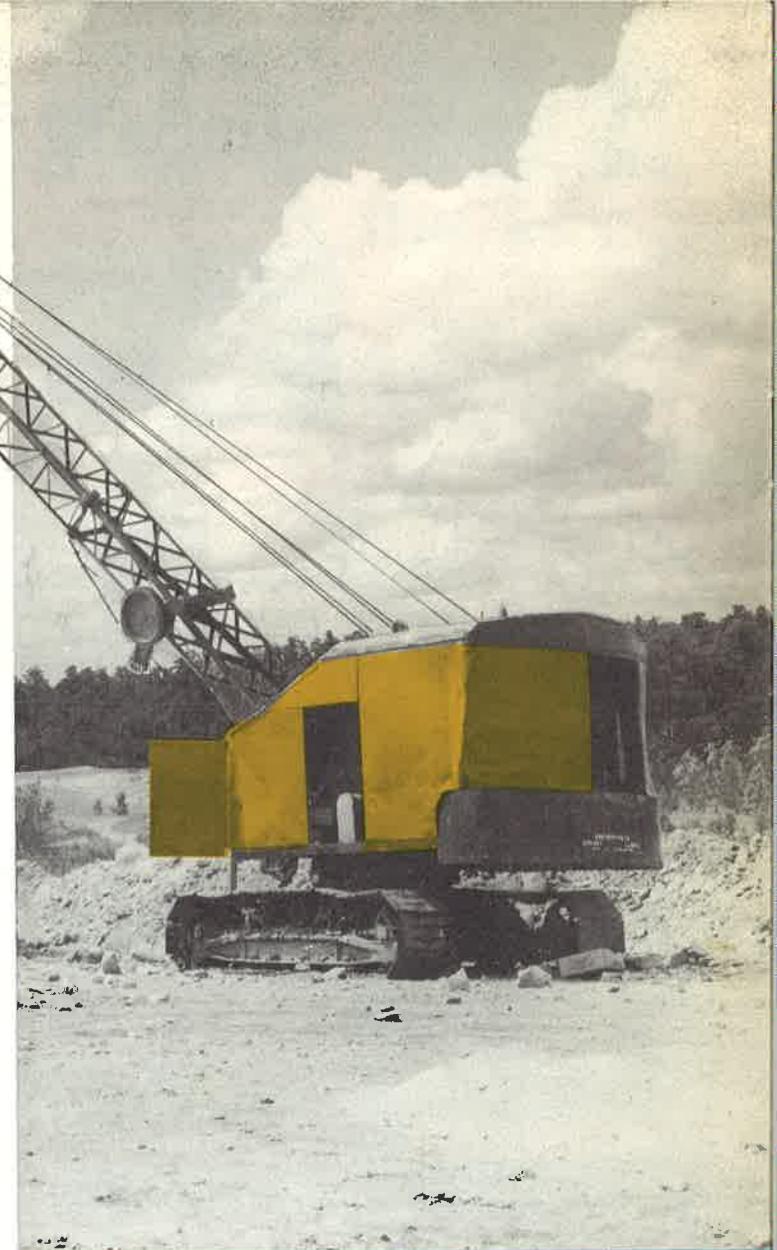
Jack O. Hurt, Director of Truck Weighing Division





STATE HIGHWAY DEPARTMENT
of GEORGIA

271 Capitol Avenue
ATLANTA, GEORGIA



Inside
**your highway
department**