

keep pathologists, physicians and surgeons, living far from the great centers, in touch with the experiments and discoveries of the surgical pathological laboratory of the Johns Hopkins University, where the records of thousands of cancer cases are filed. The primary object of the course is to increase the accuracy of early diagnoses of cases which may or may not be cancer and thereby improve the chances of the patient's recovery and avoid unnecessary amputations. It is also designed to develop improved methods for post-graduate instruction in special diagnosis of special diseases. Sections of tumors from the collection at the Johns Hopkins University will be mailed to students with case histories of the disease. The student will return them with his diagnosis, which will then be corrected in the light of the laboratory's further experience, and returned with explanations to the student, who will thus have an opportunity to study cases which would otherwise be denied him by his geographical location. As at present planned, the course would be open only to professional men and women who have attended clinics at the university.

Dr. Bloodgood, who will conduct the course, will have the assistance of the surgical pathological laboratory's staff, including Drs. George A. Stewart, L. Clarence Cohn, Charles F. Geschickter, Max Kahn, Murray M. Copeland, E. S. Anderson and R. L. Oliver; Messrs. G. T. Thompson, R. F. C. Kegel and R. C. Major, special students of the Garvan Research Fund; Dr. L. Bonelli, resident surgeon, St. Agnes' Hospital; Dr. J. R. Moore, special graduate student in the laboratory and chief orthopedic surgeon, Shriners' Hospital, Philadelphia.

#### INTERNATIONAL HIGHWAY ENGINEERS' TOURS

THREE hundred invitations have been issued to official and other delegates to the Sixth International Road Congress to participate in the highway inspection tours sponsored by the Highway Education Board, following the sessions of the congress from October 6 to 11. These invitations have gone to prominent highway engineers and administrative officials of more than sixty countries.

The Highway Education Board, with headquarters at 1723 N Street, Washington, is sponsoring the tours. The chairman of the board is Mr. Thomas H. MacDonald, chief of the U. S. Bureau of Public Roads, and on the board are the following members: Dean F. L. Bishop, Society for the Promotion of Engineering Education; Wilbur J. Carr, Assistant Secretary of State; Roy D. Chapin, National Automobile Chamber of Commerce; J. Walter Drake, former Assistant Sec-

retary of Commerce; Pyke Johnson, National Automobile Chamber of Commerce; Fred I. Kent, American Bankers' Association; H. H. Rice, National Automobile Chamber of Commerce; L. S. Rowe, Director General, Pan American Union; W. O. Rutherford, Rubber Manufacturers Association, Inc.; F. A. Seiberling, Rubber Manufacturers Association, Inc.

The tours have been arranged to afford the delegates participating an opportunity to acquire first-hand information on the construction, maintenance and use of all types of modern highways in the United States. In so far as time permits agricultural and industrial activity along the routes of the tours will be studied, with particular reference to the relationship to highway transportation. The delegates invited to participate will be divided into groups of the same size for each tour.

The first tour will be devoted to a study of high-type, heavy traffic roads in densely populated industrial areas, including metropolitan area developments. The second will include a thorough study of all types of roads, principally in agricultural areas and in temperate and semi-tropical zones. Special attention will be given to the utilization of low-cost roads in the semi-tropical part of the country. The third will be devoted to all types of roads under varying topographical and climatic conditions, with particular reference to winter conditions of frost and snow and low-cost roads in northern latitudes.

Among the national groups cooperating with the board are the American Association of State Highway Officials, the American Automobile Association, the American Petroleum Institute, the American Road Builders' Association, the U. S. Chamber of Commerce, Motor and Equipment Association, the Rubber Association of America and the National Automobile Chamber of Commerce.

State highway departments are laying out and marking tour routes, staging special construction and maintenance exhibits and otherwise cooperating fully to make the tour a thorough survey of American highways and highway transport. Chambers of commerce and other local groups will entertain the delegates *en tour*, and railroad and bus lines are cooperating with arrangements for the transportation of delegates.

The Departments of State, Agriculture and Commerce and the Pan American Union are cooperating with the Highway Education Board. It is anticipated that many of the experts of the commodity divisions of the Department of Commerce, as well as officials of the Departments of State and Agriculture and several American consuls and commercial attachés at important points throughout the world who are visiting the United States will accompany the party.