

# Preface

On the basis of total registration, the 47th Annual Purdue Road School was the largest in 20 years. Total registration, however, is only part of the story. All those connected with the 1961 Road School feel that unusually keen interest in all the sessions was demonstrated by those in attendance. The sessions themselves were outstanding, a reflection on the thoughtfulness and hard work of the planning committees.

Road School is a cooperative venture. Many individuals and organizations work toward making it a success. We gratefully acknowledge the efforts of all those who gave so freely of their time.

## REGISTRATION

The official registration totaled 1,161. The following tabulation shows the classified Road School registrations over the past five years:

### Classified Road School Registrations

	1957	1958	1959	1960	1961
State Highway Personnel .....	229	232	254	304	315
County Road Supervisors and Employees .....	77	71	82	88	96
County Surveyors, Engineers and Deputies .....	60	67	52	57	66
County Commissioners .....	107	102	152	172	192
County Auditors .....	.....	10	8	6	14
City Officials .....	53	55	52	73	79
Contractors, Materials, and Equipment Suppliers	170	172	146	187	232
Miscellaneous .....	155	133	145	133	167
Total .....	851	842	891	1,020	1,161

## PROGRAM SESSIONS

The school opened with an address of welcome delivered by K. B. Woods, head of the School of Civil Engineering. George M. Foster, executive director of the State Highway Department of Indiana, was the featured speaker of the morning session. He reviewed the past accomplishments and future objectives of the department.

Monday afternoon was devoted to reports of some of the activities of the Joint Highway Research Project and the Highway Extension and Research Project for Indiana Counties. The year 1961 marks the 25th anniversary of JHRP, and H. L. Michael, associate director of the project, summarized the work of the organization during that period.



Fig. 1. Speakers at the annual banquet included, left to right, Dr. R. B. Stewart, vice president of Purdue University; Matthew E. Welsh, governor of Indiana; and A. Allan Bates, vice president, Portland Cement Association, Chicago.

The general sessions on Tuesday morning and Wednesday afternoon covered a variety of subjects ranging from the quality of asphalt to highway taxation and finance. All speakers furnished written reports and these are included in this volume.

## SMOKER

The traditional smoker, sponsored by the Lafayette chapter of the Indiana Society of Professional Engineers, was held on Monday evening. F. Sterling Bolyard, president of the Lafayette chapter, presided.

R. J. Rudolph, executive secretary of the Purdue Alumni Association, narrated the film of the 1960 Purdue-Minnesota football game.

Separate sessions were held by the cooperating groups on Tuesday afternoon and on Wednesday and Thursday mornings. W. I. Freel, associate professor of civil engineering at Purdue, who had recently returned from several years in Formosa, told of his experiences.



Fig. 2. Speakers at the Tuesday morning general session included, left to right, Kenneth A. Stonex, assistant director of the General Motors Proving Grounds, Milford, Mich.; J. York Welborn, chief of bituminous and chemical research, Bureau of Public Roads, Washington, D. C.; Dean E. T. Weiler, of Purdue; and George Goodwin, chief engineer, State Highway Department, who presided.

## BANQUET

The Road School was honored to have Governor Matthews E. Welsh accept an invitation to attend the banquet this year. A. Alan Bates, vice president of the Portland Cement Association, was the speaker and M. B. Scott, associate director of the Engineering Experiment Station, served as Toastmaster.



Fig. 3. Among the speakers at the general session on Wednesday afternoon were, left to right, W. C. Pendleton, U. S. Department of Agriculture, Washington, D. C., G. P. St. Clair, U. S. Bureau of Public Roads, Washington, D. C., and A. F. Malo, director of streets and traffic, Detroit, Mich.



**Fig. 4.** Officers elected by the Indiana County Commissioners Association included, left to right, Harry Bahler, Remington, Jasper county, secretary-treasurer; L. O. Miltenberger, Wabash, Wabash county, president; and Carl Schuckman, Vincennes, Knox county, vice president.

The annual banquet has grown to such proportions that both Union ballrooms are needed. In order to better provide for the post-dinner activity, the group adjourned to Loeb Playhouse after the meal. This procedure was quite successful.



**Fig. 5.** The Indiana Street Commissioners Association re-elected all of their officers during the 47th annual Road School. Shown above, seated left to right, are Dan W. Richardson, South Bend, president, and Otto Bossung, West Lafayette, secretary-treasurer. Standing left to right are Walter Price, Hartford City, Lafayette, Perry Colglazier, Salem, and R. E. Richardson, Bloomington all of whom are vice presidents.



Fig. 6. The City Engineers Association re-elected Howard C. Coblentz, Lafayette city engineer, as their president. Coblentz is shown in the center with Edwin J. Denman, Anderson city engineer, on the left, who was named as vice president, and Ralph Shelburn, right, assistant city engineer at Anderson, who was elected secretary-treasurer.

## COOPERATING GROUPS

The 1961 official directory of the Road School cooperating groups is as follows:

### OFFICIAL DIRECTORY

#### Purdue University

Frederick L. Hovde.....	President
G. A. Hawkins.....	Dean, Schools of Engineering
K. B. Woods.....	Head, School of Civil Engineering; Director, Joint Highway Research Project
H. L. Solberg.....	Associate Dean, Schools of Engineering
C. H. Lawshe.....	Dean, University Extension Administration
H. L. Michael.....	Associate Professor of Highway Engineering and Associate Director, Joint Highway Research Project
J. F. McLaughlin.....	Associate Professor of Civil Engineering and Chairman, 47th Annual Road School

#### Indiana State Highway Commission

David Cohen, East Chicago.....	Chairman
Charles M. Dawson, Indianapolis.....	Member
Edward S. Furnish, Vevay.....	Member
Hugo A. Weissbrodt, Fort Wayne.....	Member
George M. Foster, Indianapolis.....	Executive Director
George E. Goodwin, Indianapolis.....	Chief Engineer



Fig. 7. New officers of the County Surveyors and County Engineers Association are seated left to right: Rohr Smith, Shelbyville, secretary, and Joseph Smrt, Knox, president. Standing are Robert Myers, Huntington, treasurer; Merle Updike, Brookville, vice president for southern Indiana; Charles E. Smith, Madison, retiring president; and John Demmary, Williamsport, vice president for northern Indiana.

County Highway Supervisors Association

Glenn L. Christensen, Connersville.....President  
 Lawrence Noll, Geneva .....Vice President  
 Joseph L. Harrison, Kokomo.....Secretary-Treasurer

County Surveyors and County Engineers Association

Joseph Smrt, Knox.....President  
 Merle Updike, Brookville.....Vice President  
 John Demmary, Williamsport.....Vice President  
 Robert Myers, Huntington.....Treasurer  
 Rohr Smith, Shelbyville.....Secretary

County Commissioners Association

L. O. Miltenberger, Wabash.....President  
 Carl Schuckman, Vincennes.....Vice President  
 Harry Bahler, Remington.....Secretary-Treasurer  
 Claude Hodson, Greensburg.....Executive Secretary

City Engineers Association

Howard C. Coblentz, Lafayette.....President  
 Edwin J. Denman, Anderson.....Vice President  
 Ralph Shelburn, Anderson.....Secretary-Treasurer

Indiana Section—Institute of Traffic Engineers

Stanley T. Siegel, Indianapolis.....President  
 Frank S. Vukovits, South Bend.....Vice President  
 H. L. Michael, West Lafayette.....Vice President  
 F. A. Kline, Jr., Anderson.....Secretary-Treasurer

Highway Materials and Equipment Association

P. E. MacAllister, Indianapolis.....President  
 John Stockberger, Indianapolis.....Vice President  
 John Manwaring, Indianapolis.....Treasurer  
 L. L. Moon, Indianapolis.....Secretary

Indiana Highway Constructors, Inc.

A. D. Blackburn, Fort Wayne.....President  
 K. M. Winslow, Salem.....Vice President  
 Paul H. Sawyers, Indianapolis.....Secretary-Treasurer  
 W. M. Holland, Indianapolis.....Executive Secretary

Indiana Street Commissioners Association

Dan W. Richardson, South Bend.....President  
 Perry Colglazier, Salem.....Vice President  
 Raymond E. Richardson, Bloomington.....Vice President  
 Ivan C. Grenat, Lafayette.....Vice President  
 Walter Price, Hartford City.....Vice President  
 O. A. Bossung, West Lafayette.....Secretary-Treasurer



Fig. 8. The County Highway Supervisors Association elected Glenn L. Christensen, Connersville, Fayette county, as their new president. Christensen is shown in the center. Lawrence Noll, Geneva, Adams county, left, was named as vice president, and Joseph L. Harrison, Kokomo, Howard county, right, was elected secretary-treasurer.



Fig. 9. The Indiana section of the Institute of Traffic Engineers announced their new officers at Road School. Shown in the photograph, seated left to right, are Herb Woodling, Akron, Ohio, who is director of District 3 ITE; A. F. Malo, Detroit, Mich., national president, ITE; and S. T. Siegel, Indianapolis traffic engineer, president of the Indiana section. Standing, F. A. Kline, Jr., Anderson, secretary-treasurer; James A. Cox, Indianapolis, past president; Prof. Harold L. Michael, Purdue, and Frank S. Vukovits, Indianapolis, vice presidents.

## DIRECTORY

The *1961 Directory of Indiana State, County, and City Officials Responsible for Road and Street Work* was distributed during and after Road School. The directory was compiled by Don G. Shurig, assistant professor of civil engineering.

## FORTY-EIGHTH ANNUAL ROAD SCHOOL

The 48th Annual Road School is scheduled for March 26-29, 1962.