

# Preface

The 61st Annual Purdue Road School was well attended by members of all cooperating groups. The efforts of all who gave freely of their time towards the success of this venture is gratefully acknowledged.

The 62nd Annual Road School will be held on Tuesday, Wednesday and Thursday, March 9-11, 1976.

## REGISTRATION

The official registration totaled 1,067. The following tabulation shows the classified Road School registrations over the past five years.

### Classified Road School Registrations

	1971	1972	1973	1974	1975
State Highway Personnel .....	360	394	414	368	357
County Road Supervisors and Employees....	78	70	73	64	60
County Highway Engineers and Assistants .....	38	35	42	39	41
County Surveyors and Deputies .....	49	45	39	41	39
County Commissioners .....	156	158	160	127	156
County Auditors .....	49	46	50	37	40
City Officials .....	85	115	118	96	80
Contractors, Materials and Equipment Suppliers .....	153	129	119	113	130
Engineering Consultants .....		59	50	44	69
Miscellaneous .....	183	109	118	99	95
Total .....	1,151	1,160	1,183	1,028	1,067

## COOPERATING GROUPS

The 1975-1976 official directory of the Road School cooperating groups is as follows:

### OFFICIAL DIRECTORY 1975-1976 Officers

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#### Purdue University

A. G. Hansen.....	President
J. C. Hancock.....	Dean, Schools of Engineering and Director, Engineering Experiment Station
R. A. Greenkorn.....	Assistant Dean, Schools of Engineering and Associate Director, Engineering Experiment Station
M. B. Scott.....	Associate Dean, Schools of Engineering

J. F. McLaughlin.....	Head, School of Civil Engineering Director, Joint Highway Research Project
H. L. Michael.....	Professor of Highway Engineering and Associate Director, Joint Highway Research Project
W. H. Goetz.....	Assistant Head, School of Civil Engineering and Director, Highway Extension and Research Project for Indiana Counties

## INDIANA STATE HIGHWAY COMMISSION

Richard A. Boehning, Lafayette.....	Chairman
James F. Dumas, Fort Wayne.....	Vice Chairman
Kermit Gregory, Rising Sun.....	Member
Harold O. McCutchan, Evansville.....	Member
David L. Waggoner, Indpls.....	Sec'y to Commission
Roger F. Marsh, Kokomo.....	Executive Director
G. K. Hallock.....	Chief Highway Engineer
W. T. May.....	Deputy Chief Highway Engineer
R. L. Eskew.....	Ass't Chief Engineer-Operations
W. H. Frick.....	Ass't Chief Engineer-Development
M. L. Hayes.....	Ass't Chief Engineer-Technical Services

### Indiana Association of County Commissioners

William F. Day, Warren Co.....	President
Carroll Knarr, Decatur Co.....	Vice President
Paul Anders, Whitley Co.....	Secretary-Treasurer
Tom Bell, Starke Co.....	Executive Secretary

### Indiana Association of County Highway Supervisors

Ernest Collins, Newton Co.....	President
Adrian Gibson, Grant Co.....	Vice President
Frank Kresler, Jasper Co.....	Secretary-Treasurer

### Indiana Association of County Engineers

Stanley Hiatt, Delaware Co.....	President
Richard Ditmars, Noble Co.....	Vice President
Richard Thompson, Huntington Co.....	Secretary-Treasurer

### Indiana County Surveyors Association

Charles Hendricks, LaPorte Co.....	President
Carl Raquet, Howard Co.....	1st Vice President
Roger Woodfill, Dearborn Co.....	2nd Vice President
William L. Sweet, Allen Co.....	Secretary-Treasurer

### Indiana City Engineers Association

John Hardwick, Valparaiso.....President  
 Ronald Bonar, Fort Wayne.....Vice President  
 Rolla J. Stout, Washington.....Secretary-Treasurer

### Indiana Street Commissioners Association

Oral Baker, Washington.....President  
 Donald Decker, South Bend.....1st Vice President  
 Raymond Ulerich, Kokomo.....2nd Vice President  
 Larry Coffman, Franklin.....3rd Vice President  
 Charles Howe, Jasper.....4th Vice President  
 Charles H. Keller, Madison.....Secretary-Treasurer

### Indiana County Auditors Association

Mary Jane Weathers, Hendricks Co.....President  
 Wendall Houser, Jay Co.....1st Vice President  
 Dwain Laird, Shelby Co.....2nd Vice President  
 Bertha Faye Wetherill, Spencer Co.....Secretary-Treasurer

### Indiana Section—Institute of Traffic Engineers

Gilbert Satterly, Lafayette.....President  
 Paul Newville, Carmel.....Vice President  
 Steve Holder, South Bend.....Secretary  
 Lloyd V. Line, Greenwood.....Treasurer  
 Walter Stout, Fort Wayne.....Director

### Indiana Highway Constructors, Inc.

Roger R. Schutt, Indianapolis.....President  
 Max Olinger, Huntingburg.....Vice President  
 William R. Davis, Lafayette.....Secretary-Treasurer  
 James G. Newland, Indianapolis.....Executive Secretary



Fig. 1. PLAN 61st ANNUAL ROAD SCHOOL—Planners of the 1975 Road School are (shown left to right): Front Row: W. H. Goetz, Purdue; C. T. Kramer, ISHC; Stanley Hiatt, Indiana Association of County Engineers; James G. Newland, Indiana Highway Constructors, Inc.; J. G. McEntyre, Purdue; Lawrence W. Trueblood, Indiana County Surveyors Association; D. E. Hancher, Purdue; C. F. Hotler, ISHC; D. G. Shurig, Purdue; J. F. McLaughlin, Purdue; H. L. Michael, Purdue; Middle Row: L. E. Wood, Purdue; G. T. Satterly, Purdue; William Tanke, Indiana County Surveyors Association; Julian Ben-

ner, Indiana Association of County Highway Supervisors; W. H. Frick, ISHC; George Reyman, ISHC; E. D. McDonald, Indiana Highway Constructors, Inc.; Paul E. Dreiman, ISHC; C. F. Scholer, Purdue; Howard Gillespie, Purdue. Top Row: B. R. Burch, ISHC; James Wade, Indiana City Engineers Association; M. B. Scott, Purdue; John Hardwick, Indiana City Engineers Association; E. J. Yoder, Purdue; Mary Jane Weathers, Indiana County Auditors Association; W. J. Ritman, ISHC; R. L. Eskew, ISHC; J. S. Sweet, Jr., Indiana Highway Constructors Association; J. E. Hittle, Purdue.



**Fig. 2. GOVERNOR ADDRESSES ROAD SCHOOL**—Gov. Otis R. Bowen told conferees at the Purdue Road School luncheon that changes in the gasoline tax rate, at both the federal and state levels, is needed to achieve long-range solutions to the problems of financing and maintaining highways. Gov. Bowen is shown, left, with John C. Hancock, dean of Purdue's Schools of Engineering, and the Rev. Joseph G. Wick, Lafayette, who shared his philosophy of "The Therapy of Laughter."



**Fig. 3. HEADLINERS AT ROAD SCHOOL**—A discussion of Indiana highway problems and programs at the 61st annual Purdue Road School brought to the podium, at a general session, left to right, Prof. John McLaughlin, head of the School of Civil Engineering; Gene K. Hallock, Indiana's chief highway engineer; Kenneth Mellinger, state highway maintenance director, and Prof. Harold L. Michael, associate director, Joint Highway Research Project at Purdue.



**Fig. 4. FINANCIAL DILEMMA FOR HIGHWAYS**—One of the major topics discussed was financing problems of Hoosier highways. Among those appearing at a general session to discuss financial needs were, left to right, James G. Newland, executive secretary, Indiana Highway Constructors, Inc., Indianapolis; Ronald L. Bonar, Fort Wayne city engineer; Alvin L. Frank, deputy regional highway administrator, Federal Highway Administration, Homewood, Ill., and Richard A. Boehning, chairman, Indiana State Highway Commission.



**Fig. 5. ROAD PROBLEMS REVIEWED**—Problems such as skidding, rehabilitating pavements, saving fuel, and upgrading highways for safety were discussed by this group. Shown, from the left, are S. R. Yoder, chief of design, Indiana State Highway Commission, Indianapolis; David Mahone, head of maintenance, Virginia Highway and Transportation Research Council, Richmond, Va.; George W. McAlpin, consulting engineer, Rye, N.H.; Carlton C. Robinson, executive vice president, Highway Users Federation for Safety and Mobility, Washington, D.C., and Prof. Bob L. Smith, Kansas State University, Manhattan, Kan.



**Fig. 6. SMOOTH ROADS CITED**—Three contractors were cited for building smooth highways last year by the Indiana State Highway Commission. Shown, from the left, are Jack Day, Triangle Asphalt Paving Corp., Lebanon, and Colin Starr, state highway project engineer, Crawfordsville, for the best job in the state of bituminous resurfacing; Jim W. Heyde, McMahan-O'Connor Construction Co., Rochester, and Max Hunter, representing Louis Chaillaux, project engineer from the Greenfield district, for the smoothest flexible (asphalt) pavement; Carl Moellering, Moellering Construction Co., Fort Wayne, and Fred Krizmanich, project engineer, Laporte, for the best rigid pavement (concrete) road building. At the extreme right is Roger F. Marsh, Kokomo, executive director, Indiana State Highway Commission.



**Fig. 7. NO INJURIES CITED**—The Warsaw sub-district of the Indiana state highway department was recognized for a record of no personal injury-lost time accidents during the past year. Safety awards are presented by the Indiana State Highway Commission for the best safety records by its employees throughout the state. Shown from the left are Lee Rush, district engineer, Fort Wayne district; Roger F. Marsh, Kokomo, executive director, ISHC; Kermit Summers, superintendent of the Warsaw sub-district; Fred Ray, safety director, Fort Wayne district, and Richard E. Hedges, state safety director, ISHC Indianapolis.



**Fig. 8. HIGHWAY SAFETY CITED**—The Indiana State Highway Commission awarded plaques in recognition of safety on the job by its employees throughout the state. Shown from the left are Art Rucker, district engineer of the Seymour district; Roger F. Marsh, Kokomo, executive director, ISHC; David Timbers, safety director, Seymour district, and Richard E. Hedges, state safety director, Indianapolis. The Seymour district was recognized for the lowest number of accidents per man-hour worked.



**Fig. 9. COUNTY COMMISSIONERS ELECT**—New officers elected by the Indiana Association of County Commissioners include, left to right, William F. Day, West Lebanon (Warren Co.), president; Carroll Knarr, Greensburg (Decatur Co.), vice president; Paul Anders, Columbia City (Whitley Co.), secretary-treasurer, and Tom Bell, Knox (Starke Co.), who was reappointed executive secretary of the association.

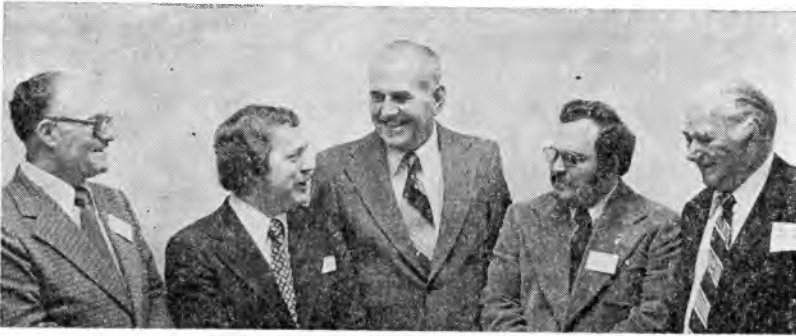




**Fig. 10. COUNTY ENGINEER OFFICERS**—New officers for the Indiana Association of County Engineers include Richard Ditmars, Auburn (Noble Co.), vice president, and Richard Thompson, Churubusco (Huntington Co.), secretary-treasurer. The newly-elected president, Stanley Hiatt, Muncie (Delaware Co.), was not present when the photo was taken.



**Fig. 11. CITY ENGINEER OFFICERS**—New officers for the Indiana City Engineers Association include John Hardwick, Valparaiso, president, left, and Rolla J. Stout, Washington, secretary-treasurer. Ronald Bonar, Fort Wayne, vice president, was not present when the photo was taken.



**Fig. 12. STREET COMMISSIONERS NAME OFFICERS** — The Indiana Street Commissioners Association elected new officers. New officers, shown from the left, are Oral Baker, Washington, president; Donald Decker, South Bend, first vice president; Raymond Ulerich, Kokomo, second vice president; Larry Coffman, Franklin, third vice president, and Charles H. Keller, Madison, secretary-treasurer. Charles Howe, Jasper, fourth vice president, was not present for the photograph.



**Fig. 13. TRAFFIC ENGINEERS AT ROAD SCHOOL**—Among the groups participating were members of the Indiana Section—Institute of Traffic Engineers. New officers of this group, elected in December for the calendar year, include, left to right, Gilbert Satterly, Lafayette, president; Paul Newville, Carmel, vice president; Steve Holder, South Bend, secretary, and Walter Stout, Fort Wayne, director. Not shown is Lloyd V. Line, Greenwood, treasurer.



**Fig. 14. NAMED BY SURVEYORS**—The Indiana County Surveyors Association was one of the groups naming new officers. Officers of this group, shown from the left, are Charles Hendricks, Laporte (Laporte Co.), president; Carl Raquet, Greentown (Howard Co.), first vice president; Roger Woodfill, Lawrenceburg (Dearborn Co.), second vice president, and William L. Sweet, Fort Wayne (Allen Co.), secretary-treasurer.



**Fig. 15. COUNTY AUDITORS MEET**—Among the cooperating groups of county and city officials were members of the Indiana County Auditors Association. Discussing mutual problems are Bertha Faye Wetherill, Chrisney (Spencer Co.), left, who is secretary-treasurer of the auditors, and Mary Jane Weathers, Plainfield (Hendricks Co.), president. Other officers of the group, not shown, are Wendall Houser, Portland (Jay Co.), first vice president, and Dwain Laird, Shelbyville (Shelby Co.), second vice president.