Preface

The 50th annual Purdue Road School represented the cooperative efforts of all segments of the highway industry in Indiana. The contributions of all who gave freely of their time are gratefully acknowledged.

REGISTRATION

The official registration totaled 1,116, an increase of 40 over the 1963 registration. The following tabulation shows the classified Road School registrations over the past five years.

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<tbody>
<tr>
<td>State Highway Personnel</td>
<td>304</td>
<td>315</td>
<td>337</td>
<td>326</td>
<td>356</td>
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<tr>
<td>County Road Supervisors and Employees</td>
<td>88</td>
<td>96</td>
<td>102</td>
<td>102</td>
<td>80</td>
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<tr>
<td>County Surveyors, Engineers and Deputies</td>
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<td>66</td>
<td>60</td>
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<td>County Commissioners</td>
<td>172</td>
<td>192</td>
<td>184</td>
<td>200</td>
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<td>County Auditors</td>
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<td>14</td>
<td>7</td>
<td>6</td>
<td>30</td>
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<tr>
<td>City Officials</td>
<td>73</td>
<td>79</td>
<td>78</td>
<td>66</td>
<td>87</td>
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<td>Contractors, Materials, and Equipment Suppliers</td>
<td>187</td>
<td>232</td>
<td>232</td>
<td>164</td>
<td>143</td>
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<tr>
<td>Miscellaneous</td>
<td>133</td>
<td>167</td>
<td>173</td>
<td>155</td>
<td>177</td>
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<tr>
<td>County Highway Engineers</td>
<td></td>
<td></td>
<td></td>
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<td>10*</td>
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<td>Total</td>
<td>1,020</td>
<td>1,161</td>
<td>1,173</td>
<td>1,076</td>
<td>1,116</td>
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SPECIAL EVENTS

The year 1964 marked the golden anniversary of the Purdue Road School. Designed and conducted to aid road and street men in carrying on their official duties in the most efficient and economical manner possible, the Road School was initiated in 1914. The school has virtually grown up with the highway industry.

Special historical exhibits and recognition of “old timers” among highway men of the state were features of the meeting. K. B. Woods, head of the School of Civil Engineering and banquet toastmaster, paid tribute to five men present who attended the first Road School 50 years ago.

Congratulatory telegrams and letters from many individuals and organizations were read at the banquet by the toastmaster. The text of several of these follows:

* New Classification.
I WISH TO TAKE THIS OPPORTUNITY ON BEHALF OF THIS ADMINISTRATION AND THE INDIANA STATE HIGHWAY COMMISSION TO EXTEND GREETINGS TO ALL OF YOU ATTENDING THIS 50TH ROAD SCHOOL. PLEASE ACCEPT MY COMPLIMENTS AND PERSONAL GRATITUDE FOR YOUR WORK IN HELPING TO MAKE THE CURRENT INDIANA HIGHWAY PROGRAM THE SUCCESS THAT IT IS.

MATTHEW E. WELSH, GOVERNOR

Fig. 1. The 50th annual Purdue Road School attracted registrants representing road and street men from all parts of the state. Shown at the registration desk, left to right, are Miss Karen Ruch, secretary; W. M. Behrens, engineer of road design, State Highway Commission, Indianapolis; J. M. Drysdale, Fauber Construction Co., Lafayette; and James Newland, director of public relations, Indiana Highway Constructors, Inc., Indianapolis.
Fig. 2. Speakers at the opening session included, left to right, Roy Jorgensen, Washington, D. C.; W. P. Privette, Indianapolis division engineer, Federal Bureau of Public Roads; J. Earle Wooding, member, ISHC; Prof. K. B. Woods, head, School of Civil Engineering, who welcomed the group; and George E. Goodwin, executive director, State Highway Commission, who presided.

HIGHWAY MATTERS IN WASHINGTON PREVENT ME FROM ATTENDING THE FIFTIETH ANNUAL PURDUE ROAD SCHOOL. THE HIGHWAY COMMISSION IS MINDFUL OF AND APPRECIATES OUR JOINT EFFORT IN RESEARCH, TECHNICAL TRAINING AND MANY OTHER FIELDS. YOU ARE TO BE CONGRATULATED FOR HAVING AN OUTSTANDING ROAD SCHOOL OF WORLD RENOWN.

DAVID COHEN, CHAIRMAN

BEST WISHES FOR YOUR PURDUE ROAD SCHOOL HAS BEEN A GREAT LEADER IN HIGHWAY WORK IN INDIANA AND THE NATION. THIS IS ALSO TRUE OF ITS DIRECTOR, PROFESSOR KEN WOODS.

REX M. WHITTON, FEDERAL HIGHWAY ADMINISTRATOR
PLEASE CONVEY MY SINCEREST CONGRATULATIONS TO ALL OF THE PARTICIPANTS IN THE 50TH ANNUAL PURDUE ROAD SCHOOL. THE ROAD SCHOOL HAS SET A PATTERN COPIED ACROSS THE NATION. PURDUE HAS GAINED MUCH FROM IT, AS HAVE ALL WHO HAVE BEEN INTERESTED IN GOOD ROADS AND GOOD DRIVING.

FREDERICK L. HOVDE
PRESIDENT, PURDUE UNIVERSITY

TIPPECANOE COUNTY COMMISSIONERS CONGRATULATE PURDUE UNIVERSITY AND THE SCHOOL OF CIVIL ENGINEERING ON THE OCCASION OF FIFTY YEARS OF RECOGNIZED SERVICE TO TRANSPORTATION THOROUGHFARES IN OUR WONDERFUL STATE.

TIPPECANOE COUNTY BOARD OF COMMISSIONERS
CHARLES E. CRAW, PRESIDENT

Fig. 3. One of the major topics discussed at the Road School was the application of quality control methods to highway construction. Shown left to right are Prof. John F. McLaughlin, Road School chairman and one of the speakers at the quality control session; Martin L. Hayes, chief of operations, State Highway Commission; Paul E. Irick, Highway Research Board, Washington, D. C.; F. L. Ashbaucher, chief engineer, State Highway Commission, who presided; and T. F. McMahon, office of research and development, Bureau of Public Roads, Washington, D. C.
Fig. 4. Modern highway practices now being employed on the Interstate System can and do help reduce accidents, but there is a need for far more trained traffic engineers, speakers stated. Discussing the future role of traffic engineering, the toll of highway accidents, and the future role of the automobile were, left to right, Fred W. Hurd, director, Yale Bureau of Highway Traffic; Charles W. Prisk, deputy director, Office of Highway Safety, Bureau of Public Roads; and Carlton C. Robinson, director, Traffic Engineering Division, Automotive Safety Foundation.

HEARTY CONGRATULATIONS ON THE 50TH ANNIVERSARY OF THE PURDUE UNIVERSITY ROAD SCHOOL. THE DEVELOPMENT OF ENGINEERING AND CONSTRUCTION TECHNIQUES OVER THE YEARS HAS BEEN ADVANCED BY THE FINE WORK OF YOUR ROAD SCHOOL.

LOUIS W. PRENTISS, MAJ. GEN. USA (RET) EXECUTIVE VICE-PRESIDENT, AMERICAN ROAD BUILDERS ASSOCIATION

BEN H. PETTY AWARD

Veteran Hoosier highway man, William M. Holland of Indianapolis, was signally honored by the 50th annual Purdue Road School when he received the Ben Petty Award at the banquet.
The award, “for outstanding contributions to highway progress in Indiana,” has been made only three times since it was established in 1958. The late Ben Petty, chairman of the Road School for nearly 40 years, was the first recipient. In 1959, the award went to John W. Wheeler of Crown Point.

Mr. Holland was one of the founders and the first and only executive secretary of Indiana Highway Constructors, Inc., an organization representing about 75 road contractors in the state, since this group was established 40 years ago.

Fig. 5. These men have seen a golden age of road and street improvements during the past 50 years which probably exceeds anything in history. They were special guests at the 50th Road School.

Shown left to right, seated, are Charles W. McClain, engineer of specifications, State Highway Commission; Carl Frank, formerly president of the Portland Cement Association, Chicago; Don Heaton, former surveyor of Benton county, Fowler; standing, A. A. Potter, dean emeritus, Schools of Engineering, Purdue; Willard A. Knapp, associate dean emeritus, and George E. Lommel, professor emeritus of civil engineering.

All of these men except Dean Potter attended the first Purdue Road School in 1915. Dean Potter came to Purdue as dean of engineering in 1920 and has attended 41 of the 50 schools.

McClain graduated in civil engineering in 1915 and attended the first school as a student. Frank received his degree in civil engineering in 1911. Heaton graduated in civil engineering in 1910 and became surveyor in Benton county in 1914, holding that office for many years. Dean Knapp joined the Purdue civil engineering staff in 1908. Professor Lommel graduated in 1910 and joined the staff in 1912.
Fig. 6. William M. Holland, Indianapolis, was cited “for outstanding contributions to highway progress in Indiana.” Prof. K. B. Woods, left, head of the School of Civil Engineering, is shown congratulating Holland, center, while W. T. Spencer, assistant engineer of tests, State Highway Commission, Indianapolis, chairman of the awards selection committee, looks on. Holland received the Ben Petty Award; only the third one given since it was established in 1958.

COOPERATING GROUPS

The 1964 official directory of the Road School cooperating groups is as follows:

OFFICIAL DIRECTORY
1964 Officers

Purdue University

Frederick L. Hovde...............................................................President
G. A. Hawkins.................................................................Dean, Schools of Engineering
P. N. Powers..................................................Director, Engineering Experiment Station
M. B. Scott............................................................Associate Director, Engineering Experiment Station
K. B. Woods..........................................................Head, School of Civil Engineering
H. L. Michael.........................................................Professor of Highway Engineering and
Associate Director, Joint Highway Research Project
J. F. McLaughlin........................................................Professor of Civil Engineering
Chairman, 50th Annual Road School
Fig. 7. Joseph Silcock, West Terre Haute, was elected president of the Indiana County Commissioners Association. Shown left to right, seated, are Glenn H. Lake, Graybill, Ind., Allen county, who was elected vice-president, and Harry F. Bahler, Remington, Jasper county, immediate past president. Standing are Richard L. Eckerle, Jasper, Dubois county, secretary-treasurer, and Claude Hobson, Greensburg, executive secretary. Silcock was not present when the picture was taken.

Indiana State Highway Commission

David Cohen, East Chicago.................................................................Chairman
Charles M. Dawson, Indianapolis....................................................Vice Chairman
Edward S. Furnish, Vevay.................................................................Member
J. Earle Wooding, Fort Wayne...........................................................Member
Roy Whitton, Greenfield.................................................................Secretary to Commission
George E. Goodwin, Indianapolis....................................................Executive Director
F. L. Ashbaucher, Indianapolis.........................................................Chief Engineer

County Highway Supervisors Association

Elmer Douglass, Kewanna.................................................................President
Ralph Kennedy, Richmond...............................................................Vice President
D. E. Grimes, North Vernon.............................................................Secretary-Treasurer

County Surveyors and County Engineers Association

Alfred L. Forgey, Brownstown..........................................................President
Merle Updike, Brookville.................................................................Vice President
John Demmary, Williamsport..........................................................Vice President
Robert F. Myers, Huntington............................................................Treasurer
Rohr Smith, Shelbyville......................................................................Secretary
County Commissioners Association

Joseph Silcock, West Terre Haute.................................................................President
Glenn H. Lake, Graybill..............................................................................Vice President
Richard L. Eckerle, Jasper.................................................................Secretary-Treasurer
Claude Hodson, Greensburg..............................................................Executive Secretary

City Engineers Association

D. R. McClurg, Crawfordsville.................................................................President
A. G. Giannini, Hammond.................................................................Vice President
M. E. Callahan, West Lafayette....................................................Secretary-Treasurer

Indiana Section Institute of Traffic Engineers

F. A. Kline, Jr., Anderson.................................................................President
G. L. Reyman, Salem.................................................................Vice President
John Mascari, Indianapolis............................................................Secretary-Treasurer
Harold H. Horine, Crawfordsville...................................................Director

Fig. 8. Elmer F. Douglass, Rochester, Fulton county, was elected president of the Indiana County Highway Supervisors Association. Shown left to right, seated, are Douglass and David E. Grimes, North Vernon, Jennings county, secretary-treasurer. Standing is Joseph L. Harrison, Kokomo, Howard county, retiring president of the group. Not shown in the picture, Ralph Kennedy, Richmond, Wayne county, was elected vice-president.
Fig. 9. Donald L. McClurg, of Crawfordsville, was elected president of Indiana City Engineers Association. Shown left to right are A. G. Giainnini, Hammond city engineer, vice-president; McClurg; and Maurice E. Callahan, West Lafayette, secretary-treasurer. McClurg succeeds L. R. Sherick, Richmond.

Highway Materials and Equipment Association

Tom Goby, Bloomington.................................................................President
S. F. Bolyard, Lafayette.................................................................Vice President
John Manwaring, Indianapolis......................................................Treasurer
L. L. Moon, Indianapolis...............................................................Secretary

Indiana Highway Constructors, Inc.

J. R. Feigel, Evansville.................................................................President
Gerald Dehner, Ft. Wayne.............................................................Vice President
Paul H. Sawyers.................................................................Secretary-Treasurer
W. M. Holland, Indianapolis........................................................Executive Secretary

Indiana Street Commissioners Association

William Becker, Jr., Hammond.......................................................President
Tilford Gulley, Beech Grove..........................................................Vice President
J. L. Coomer, Princeton...............................................................Vice President
Charles Howe, Jasper.................................................................Vice President
Albert Greenlee, Monticello.........................................................Vice President
C. H. Keller, Madison.................................................................Secretary-Treasurer
Fig. 10. The Indiana Street Commissioners Association named William Becker Jr. of Hammond as president of their group. He succeeds Kenneth Conn on of Mishawaka. Shown left to right, seated, are Charles H. Keller, Madison, secretary-treasurer, and Becker. Standing are Tilford Gulley, Beech Grove; Jacob L. Coomer, Princeton; Charles Howe, Jasper; and Albert Greenlee, Monticello, all of whom were named as vice-presidents.

DIRECTORY

The 1964 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, associate professor of civil engineering.

FIFTY-FIRST ROAD SCHOOL

The 51st annual Purdue Road School is scheduled for March 29-April 1, 1965.