Preface

The 52nd Annual Purdue Road School was well attended by members of all cooperating groups. The efforts of all of who gave freely of their time towards the success of this venture is gratefully acknowledged.

REGISTRATION

The official registration totaled 1066. The following tabulation shows the classified Road School registrations over the past five years.

<table>
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<tbody>
<tr>
<td>State Highway Personnel..................</td>
<td>337</td>
<td>326</td>
<td>356</td>
<td>344</td>
<td>318</td>
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<tr>
<td>County Road Supervisors and Employees..</td>
<td>103</td>
<td>102</td>
<td>90</td>
<td>81</td>
<td>82</td>
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<tr>
<td>County Highway Engineers..................</td>
<td></td>
<td></td>
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<tr>
<td>County Surveyors and Deputies...........</td>
<td>60</td>
<td>57</td>
<td>49</td>
<td>62</td>
<td>61</td>
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<tr>
<td>County Commissioners.....................</td>
<td>184</td>
<td>200</td>
<td>184</td>
<td>216</td>
<td>178</td>
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<tr>
<td>County Auditors...........................</td>
<td>7</td>
<td>6</td>
<td>30</td>
<td>77</td>
<td>29</td>
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<tr>
<td>City Officials............................</td>
<td>78</td>
<td>66</td>
<td>87</td>
<td>35</td>
<td>103</td>
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<tr>
<td>Contractors, Materials, and Equipment...</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Suppliers....................................</td>
<td>232</td>
<td>164</td>
<td>143</td>
<td>135</td>
<td>109</td>
</tr>
<tr>
<td>Miscellaneous.............................</td>
<td>173</td>
<td>155</td>
<td>177</td>
<td>231</td>
<td>167</td>
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<tr>
<td>Total.......................................</td>
<td>1,173</td>
<td>1,076</td>
<td>1,116</td>
<td>1,181</td>
<td>1,066</td>
</tr>
</tbody>
</table>

COOPERATING GROUPS

The 1966-1967 official directory of the Road School cooperating groups is as follows:

OFFICIAL DIRECTORY

1966-1967 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
G. A. Leonards.................................................................Head, School of Civil Engineering;
                                                   Director, Joint Highway Research Project
H. L. Michael.................................................................Professor of Highway Engineering and
                                                   Associate Director, Joint Highway Research Project
J. F. McLaughlin...............................................................Professor of Civil Engineering;
                                                   Chairman 52nd Annual Road School
Indiana State Highway Commission

Robert S. Whitehead, Kokomo.................................................................Chairman
Theodore F. Hagerman, Fort Wayne......................................................Vice Chairman
Dr. Anthony A. Forszt, East Chicago.....................................................Member
Marvin J. Evans, Evansville.................................................................Member
Clyde Goen, Salem................................................................................Sec'y to Commission
Martin L. Hayes, Indianapolis...............................................................Executive Director
F. L. Ashbaucher, Indianapolis.............................................................Chief Highway Engineer
J. R. Cooper, Indianapolis.................................................................Deputy Chief Highway Engineer

Indiana State Highway

Walter H. Frick.................................................................Ass't Chief Engr., Development
Fred Mendenhall.................................................................Ass't Chief Engr., Tech. Services
R. H. Harrell.................................................................Ass't Chief Engr., Operations
Joseph L. Harrison.................................................................Ass't to Executive Director
N. F. Schafer.................................................................Engr. of Special Assignment

Indiana County Commissioners Association

Richard L. Eckerle, Jasper.................................................................President
Arthur Himsel, Danville.................................................................Vice President
Ernest M. Vance, North Vernon........................................................Secretary Treasurer
Claude Hodson, Greensburg........................................................Executive Secretary

Fig. 1. Two early registrants for the 52nd annual Road School included John Garvey, standing left, and R. C. Briede, standing right, both with Clyde E. Williams and Associates of Indianapolis. Michael Schaefer, seated, is a Purdue student in Civil Engineering.
Fig. 2. Speakers Monday at the opening session of the 52nd annual Purdue Road School included, from left, seated, Martin L. Hayes, executive director of the Indiana State Highway Commission, presiding; Robert S. Whitehead, ISHC chairman, and James F. Mummey, Indianapolis, assistant division engineer, Federal Bureau of Public Roads. Standing, from left, are F. B. Mendenhall, assistant chief engineer of technical services, ISHC, and Professor M. B. Scott, associate director of the Purdue Engineering Experiment Station, who welcomed Road School conferees.

County Highway Supervisors Association
Joseph Sigel, Kingsbury..............................................................President
Harold Porter, Bluffton..............................................................Vice President
Everett Curtner, Union City......................................................Secretary Treasurer

Indiana Association of County Engineers
Henry A. Gardner, Richmond......................................................President
George E. Weatherford, Ft. Wayne...........................................Vice President
Ervin S. Ward, Washington......................................................Secretary Treasurer

City Engineers Association
Maurice E. Callahan, West Lafayette..........................................President
Lloyd S. Taylor, South Bend......................................................Vice President
Arthur C. Johnson, Greenfield................................................Secretary Treasurer

Indiana Street Commissioners Association
William Becker, Jr., Hammond.....................................................President
Walter C. McGregor, Ft. Wayne...............................................Vice President
Lou Jackson, Speedway............................................................Vice President
John Selby, Princeton..............................................................Vice President
Charles H. Keller, Madison......................................................Secretary Treasurer
Institute of Traffic Engineers
John Mascari, Indianapolis.................................................................President
Harold H. Horine, Frankfort...............................................................Vice President
J. C. Oppenlander, West Lafayette......................................................Secretary Treasurer
W. J. Fehribach, Indianapolis...............................................................Director

County Surveyors and County Engineers Association
Joseph Smrt, Knox...................................................................................President
Frank Kleinke, Plymouth........................................................................Vice President
Robert Myers, Huntington...................................................................Treasurer
John Manship, Anderson.........................................................................Secretary

Indiana Highway Constructors, Inc.
John S. Bender, Richmond.....................................................................President
George E. Hughes, Jeffersonville.............................................................Vice President
Paul H. Sawyers, Indianapolis.................................................................Secretary Treasurer
James G. Newland................................................................................Executive Secretary

Fig. 3. Looking over a model of the Indianapolis inner loop interstate highway system are the new officers of the Indiana section, Institute of Traffic Engineers. Shown left to right are George L. Reyman, Salem, immediate past president; Harold Horine, Frankfort, vice president; J. C. Oppenlander, Purdue, secretary-treasurer, and John Mascari, Indianapolis, president.
Fig. 4. Plaques were awarded at the closing Purdue Road School banquet to Indiana highway construction companies for perfect 12-month safety records. Shown left to right with the coveted awards are Lee Sargent, Tri-Angle Construction Co., Bedford; Walter Land, Walter Land, Inc., Danville; Vernon Mann, Hoosier Fence Co., Inc., Indianapolis, and Ralph Green, Thompson Construction Co., Indianapolis. Also honored, but not shown in the picture, were L. H. Gunsaulus and Son, Inc., Kendallville, and Edgar H. Hughes Co., Inc., Jeffersonville.

COUNTY ENGINEERS ORGANIZE

A newly organized group appearing at Road School this year was the Indiana Association of County Engineers. A few years ago there were only one or two county highway engineers in the state but now they number 23. The county engineers will promote better planning and organization of county road programs. The organization will also cooperate with the National Association of County Engineers. Officers of the new organization are listed above. Welcome aboard county engineers.
Fig. 5. The Wednesday afternoon session of the Purdue Road School was devoted to a discussion of traffic safety. Shown left to right are Professor Harold L. Michael of Purdue, session chairman; A. L. Hutchison, Los Angeles traffic department and president of the Institute of Traffic Engineers; Robert H. Reynolds, traffic court program, American Bar Association, Chicago; J. S. Baker, Traffic Institute, Northwestern University, and Floyd L. Anthony, assistant regional engineer, Bureau of Public Roads, Homewood, Illinois.

ROAD SCHOOL ATTENDANCE 1915-1966

The first annual Purdue Road School was held in 1915 and has met every year since. It was not until the tenth Road School that accurate attendance records were kept and Road School Proceedings were published. Proceedings were not published in 1945 due to a paper shortage.

Attendance records, tabulated below, show a fairly steady attendance increase from 75 in 1915 to a peak of 1231 in 1941. From 1942 to 1959, attendance fluctuated over the years from about 1100 to 600 with most yearly attendance being nearer the 1100 mark. Occasional attendance drops were caused by either: (1) severe weather conditions, (2) wartime conditions, or (3) absence of a materials and equipment show. These situations and corresponding years are indicated in the footnotes below.

From 1960 to 1966, attendance has been maintained fairly consistently at around 1100.
### Road School Attendance

<table>
<thead>
<tr>
<th>School</th>
<th>Year</th>
<th>Attendance</th>
<th>School</th>
<th>Year</th>
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<tbody>
<tr>
<td>1st</td>
<td>1915</td>
<td>75</td>
<td>31st</td>
<td>1945</td>
<td>........(8)</td>
</tr>
<tr>
<td>10th</td>
<td>1924</td>
<td>304</td>
<td>32nd</td>
<td>1946</td>
<td>1047</td>
</tr>
<tr>
<td>11th</td>
<td>1925</td>
<td>433</td>
<td>33rd</td>
<td>1947</td>
<td>666(9)</td>
</tr>
<tr>
<td>12th</td>
<td>1926</td>
<td>435</td>
<td>34th</td>
<td>1948</td>
<td>787</td>
</tr>
<tr>
<td>13th</td>
<td>1927</td>
<td>445</td>
<td>35th</td>
<td>1949</td>
<td>1117</td>
</tr>
<tr>
<td>14th</td>
<td>1928</td>
<td>540(1)</td>
<td>36th</td>
<td>1950</td>
<td>1090</td>
</tr>
<tr>
<td>15th</td>
<td>1929</td>
<td>515</td>
<td>37th</td>
<td>1951</td>
<td>743</td>
</tr>
<tr>
<td>16th</td>
<td>1930</td>
<td>590</td>
<td>38th</td>
<td>1952</td>
<td>1113</td>
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<tr>
<td>17th</td>
<td>1931</td>
<td>686</td>
<td>39th</td>
<td>1953</td>
<td>785(10)</td>
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<tr>
<td>18th</td>
<td>1932</td>
<td>675</td>
<td>40th</td>
<td>1954</td>
<td>1100</td>
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<tr>
<td>19th</td>
<td>1933</td>
<td>763</td>
<td>41st</td>
<td>1955</td>
<td>777(11)</td>
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<tr>
<td>20th</td>
<td>1934</td>
<td>859</td>
<td>42nd</td>
<td>1956</td>
<td>1010</td>
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<tr>
<td>21st</td>
<td>1935</td>
<td>1000</td>
<td>43rd</td>
<td>1957</td>
<td>851</td>
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<tr>
<td>22nd</td>
<td>1936</td>
<td>726(2)</td>
<td>44th</td>
<td>1958</td>
<td>841</td>
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<tr>
<td>23rd</td>
<td>1937</td>
<td>756(3)</td>
<td>45th</td>
<td>1959</td>
<td>888</td>
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<td>24th</td>
<td>1938</td>
<td>995</td>
<td>46th</td>
<td>1960</td>
<td>1020</td>
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<td>25th</td>
<td>1939</td>
<td>1097(4)</td>
<td>47th</td>
<td>1961</td>
<td>1161</td>
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<tr>
<td>26th</td>
<td>1940</td>
<td>1173</td>
<td>48th</td>
<td>1962</td>
<td>1173</td>
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<td>27th</td>
<td>1941</td>
<td>1231</td>
<td>49th</td>
<td>1963</td>
<td>1076</td>
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<tr>
<td>28th</td>
<td>1942</td>
<td>930(5)</td>
<td>50th</td>
<td>1964</td>
<td>1116(12)</td>
</tr>
<tr>
<td>29th</td>
<td>1943</td>
<td>610(6)</td>
<td>51st</td>
<td>1965</td>
<td>1181</td>
</tr>
<tr>
<td>30th</td>
<td>1944</td>
<td>688(7)</td>
<td>52nd</td>
<td>1966</td>
<td>1066</td>
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</table>

(1) Exhibit of highway materials and equipment.
(2) Blizzard.
(3) Flood conditions.
(4) Silver anniversary.
(5) War emergency.
(6) Streamlined to three days with night sessions. Program dealt with priorities and wartime restrictions.
(7) Theme—postwar planning.
(8) Paper shortage—no Proceedings published.
(9) Lack of exhibit space for a road show and scarcity of rooming accommodations.
(10) No road show.
(11) Road show to be held only on even-numbered years.
(12) Golden anniversary.
DIRECTORY

The 1966 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-THIRD ANNUAL ROAD SCHOOL

The 53rd annual road school will be held March 27-30, 1967.

Fig. 6. The Indiana Association of County Commissioners elected Richard L. Eckerle, Jasper, as president to succeed Glenn H. Lake, Grabill (Allen County), at the 52nd annual Purdue Road School. Shown left to right, seated, are Ernest M. Vance, North Vernon, newly-elected secretary-treasurer; Lake and Eckerle. Standing is Arthur Himsel, Danville, vice president.
Fig. 7. Maurice E. Callahan, West Lafayette city engineer, was advanced to president of the Indiana City Engineers Association during Road School. He succeeds A. G. Giannini of Hammond. Shown left to right are Arthur C. Johnson, Greenfield, secretary-treasurer; Callahan, and Lloyd S. Taylor, South Bend, vice president.

Fig. 8. William Becker, Jr., Hammond, was re-elected president of the Indiana Street Commissioners Association. Shown, left to right, seated, are Charles H. Keller, Madison, secretary-treasurer; Becker; Walter C. McGregor, Fort Wayne, first vice president; standing, Lou Jackson, Speedway, second vice president, and John Selby, Princeton, third vice president.
Fig. 9. Speakers on a highway needs study panel in the Monday afternoon session were, from left, A. J. Proctor, executive director of the Indiana Highway Needs Study Committee; Reed H. Winslow, project director; State Senator Charles M. Maddox, Otterbein, vice chairman of the study, and State Senator Robert E. Peterson, Rochester, the study's chairman. Another speaker on the program, not shown, was John P. Moss, Leeds, Alabama, past president of the American Road Builders Association.

Fig. 10. A new Indiana Association of County Engineers was formed at the 52nd annual Purdue Road School. More and more counties are adding professional engineers to their staffs, and there are now 23 county engineers in the state. Shown left to right are Henry A. Gardner, Richmond (Wayne County), president; George E. Weatherford, Fort Wayne (Allen County), vice president, and Garner D. Willey, New Albany (Floyd County), a regional director. Ervine S. Ward, Washington (Daviess County), not shown, was named secretary-treasurer.