PREFACE

Based on my own observations and the many favorable comments received from a broad cross section of those attending, the 43rd Road School was one of the best we have ever staged. Surely the beneficial results stemming from a school of this kind are inestimable in their effects on Indiana state, county, and city highway administration and improvement.

REGISTRATION

The official registration totaled 851. The following tabulation shows the classified Road School registrations over the past five years:

CLASSIFIED ROAD SCHOOL REGISTRATIONS

<table>
<thead>
<tr>
<th></th>
<th>1953</th>
<th>1954*</th>
<th>1955</th>
<th>1956*</th>
<th>1957</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Highway Men</td>
<td>207</td>
<td>201</td>
<td>208</td>
<td>243</td>
<td>229</td>
</tr>
<tr>
<td>County Road Supervisors</td>
<td>75</td>
<td>68</td>
<td>64</td>
<td>69</td>
<td>63</td>
</tr>
<tr>
<td>County Road Employees</td>
<td>20</td>
<td>89</td>
<td>14</td>
<td>43</td>
<td>14</td>
</tr>
<tr>
<td>County Surveyors and Eng.</td>
<td>48</td>
<td>44</td>
<td>40</td>
<td>45</td>
<td>49</td>
</tr>
<tr>
<td>County Surveyors Deputies</td>
<td>10</td>
<td>16</td>
<td>5</td>
<td>13</td>
<td>11</td>
</tr>
<tr>
<td>County Commissioners</td>
<td>71</td>
<td>100</td>
<td>97</td>
<td>111</td>
<td>107</td>
</tr>
<tr>
<td>City Officials</td>
<td>70</td>
<td>89</td>
<td>68</td>
<td>68</td>
<td>53</td>
</tr>
<tr>
<td>Contractors and Employees</td>
<td>26</td>
<td>72</td>
<td>20</td>
<td>49</td>
<td>38</td>
</tr>
<tr>
<td>Materials and Equip. Men</td>
<td>132</td>
<td>264</td>
<td>117</td>
<td>225</td>
<td>132</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>146</td>
<td>157</td>
<td>144</td>
<td>144</td>
<td>155</td>
</tr>
<tr>
<td>Total</td>
<td>805</td>
<td>1,100</td>
<td>777</td>
<td>1,010</td>
<td>851</td>
</tr>
</tbody>
</table>

*Road Show.

A total of 30 Indiana cities were officially represented. This city group included 18 City Engineers, 20 Street Commissioners, and a miscellaneous group of 15 other officials and employees. The Bureau of Public Roads was represented by eight engineers. There were 65 Purdue staff members and graduate students registered. The Materials and Equipment group included 26 equipment representatives and 106 material representatives. There were 21 highway officials and engineers, all from other states.
Eight of the 92 counties in Indiana were represented by all three of their Commissioners as well as their Road Supervisor and Surveyor. These counties were:

- Allen
- Clinton
- Daviess
- Decatur
- Hendricks
- Madison
- Vermillion
- Wells

No county officials were registered from the following 17 counties:

- Adams
- Clark
- Crawford
- Dearborn
- Dubois
- Gibson
- Knox
- Kosciusko
- Lawrence
- Martin
- Ohio
- Posey
- Ripley
- Rush
- Scott
- Union
- Pike

Officers of Indiana County Highway Supervisors Association are, left to right: C. E. Applegate, Spiceland, President; Harold Neal, Sullivan, Clyde McLeland, Angola, and D. E. Lloyd, Rockport, all Vice Presidents; and Jay Shideler, Huntington, Secretary-Treasurer.

ROAD SHOW

No Road Show was held in conjunction with the Road School this year. For several years it has been the policy of the Highway Materials and Equipment Association to sponsor a Road Show as a supplement to the Road School on even numbered years. However, the H. M. and E. Association again provided complimentary banquet tickets for a selected list of out-of-state guest speakers, state and local officials, and University officials and staff members.
Also, they contributed $100 as an addition to the Student Loan Fund established in their name at Purdue several years ago. This fund now exceeds a total of $2,500.

PROGRAM SESSIONS

The School opened with a general session at 10 o'clock on Monday morning, and general sessions were held on the afternoons of Monday, Tuesday, and Wednesday. The entire Tuesday afternoon session was devoted to reports on research and other studies being carried on by the Joint Highway Research Project and the State Highway Department of Indiana.

Officers of County Surveyors and County Engineers Association of Indiana are, left to right: Don Gilbert, Angola, Treasurer; Charles E. Smith, Madison, Vice President; Joseph Smrt, Knox, Secretary; Bert McClelland, South Bend, President; and Harold Norris, Peru, Vice President.

Seven separate sessions were held by the cooperating groups on the mornings of Tuesday, Wednesday, and Thursday. Three of these represented State Highway Department men broken up into three groups of road construction, road maintenance, and bridge design and construction. This is the one time during the year when these state highway groups each have the opportunity of engaging in thorough discussions and analyses of their respective problems. The benefits are obvious.

The separate sessions are narrowed down to the more specific problems facing the individual cooperating groups. On the other hand, the general sessions are planned to cover the more generalized and broader phases of the over-all highway improvement program in addition to research findings.
OUT-OF-STATE SPEAKERS

We seem to be fortunate each year in securing as speakers for our general sessions several well-known and exceptionally qualified speakers from other states. With the program being planned several months in advance, we nevertheless have been fortunate in selecting speakers whose subjects were extremely pertinent to current highway problems at the time of presentation.

Among these out-of-state speakers were the following:

Dr. Kenneth McFarland, Educational Consultant and Lecturer for General Motors, Topeka, Kansas.

General Louis W. Prentiss, Executive Vice President, ARBA, Washington, D.C.

H. A. Radzikowski, Chief, Division of Development, Bureau of Public Roads, Washington, D.C.

Gene Huntley, Director of Personnel and Public Relations, Oregon State Highway Department, Salem, Oregon.


Carl McMonagle, President I.T.E.; Assistant Director, Michigan State University, Highway Safety Center, Lansing, Michigan.

Mason Mahin, Assistant Director, Laws Division, Automotive Safety Foundation, Washington, D.C.

W. N. Carey, Jr., Chief Engineer for Research, AASHO Road Test, Ottowa, Illinois.

Carlton C. Robinson, Traffic Engineer, Automotive Safety Foundation, Washington, D.C.

Banquet speaker: Dr. Kenneth McFarland, Topeka, Kansas, educational consultant and lecturer for General Motors Corporation.
Officers of Indiana City Engineers Association, left to right: Kenneth Bowman, Shelbyville, Vice President; D. C. (Mike) Morin, Ft. Wayne, President; and A. Dan Ruth, West Lafayette, Secretary-Treasurer.

James G. Johnstone, Engineer-Geologist, Geophoto Services, Denver, Colorado.
Daniel J. Hansen, City Traffic Engineer, Peoria, Illinois.
George W. Barton, Director, Traffic Engineer Division, The Traffic Institute, Northwestern University, Evanston, Illinois.
North N. Newton, Champaign County Engineer, Urbana, Ohio.

SMOKER

Continuing a long-time practice, the Lafayette chapter, Indiana Society of Professional Engineers, again sponsored the Smoker program on Monday night. Vice President Harold Michael presided at this session. Through the cooperation of Guy Mackey, Director of Athletics for Men at Purdue, we were able to show the film covering the Purdue-Notre Dame football game of last fall. The sizable group attending this Smoker program was fortunate in being present for the excellent address on "A Balanced Highway Improvement Program," by Maj. Gen. Louis Prentiss, Executive Vice President of the American Road Builders' Association.

BANQUET

It would be difficult to improve upon the excellence of the banquet program staged in the North Ballroom of the Memorial Union Building on Wednesday night. Prof. K. B. Woods, Head, School of Civil Engineering, presided as Toastmaster at this affair. Again we were fortunate in having Purdue's Glee Club in one of their outstanding and entertaining performances. We were honored
indeed to have Gov. Harold Handley with us for a brief after-dinner address. With him were all three members of our State Highway Commission. Guest speaker was Dr. Kenneth McFarland, Educational Consultant and Lecturer for General Motors from Topeka, Kansas. It is doubtful if he has a peer in this limited field of outstanding after-dinner speakers. He enlivened his serious and thought-provoking discussion with some well-timed humor and completely captivated the capacity audience of 410 people.

COOPERATING GROUPS

The 1957 Official Directory of the Road School cooperating groups follows:

Road School speakers and officials, left to right: H. L. Michael, Assistant Director, JHRP, Purdue University; J. C. Hazen, Jr., Managing Editor, Architectural Forum Magazine, New York City; Gene Huntley, Director of Personnel and Public Relations, Salem, Oregon; Ben H. Petty, Director of Road School, Purdue University; H. A. Radzikowski, Chief, Division of Development, Washington D. C.; and K. B. Woods, Head, Purdue School of Civil Engineering.
Officers of Indiana County Commissioners Association, seated, left to right: Carl Medsker, Sullivan, outgoing President; Robert Hamilton, Indianapolis, President; Ancil Jennings, Winchester, Vice President. Standing: Lester Boyd, Plainville, Kenneth Jobe, Connersville, and Walter Smith, Martinsville, all Vice Presidents; Claude Hanna, Roachdale, Secretary-Treasurer; Claude Hodson, Greensburg, Executive Secretary.

OFFICIAL DIRECTORY
PURDUE UNIVERSITY

Frederick L. Hovde
G. A. Hawkins
Dean, Schools of Engineering, and Director, Engineering Experiment Station
K. B. Woods
Head, School of Civil Engineering, and Director, Joint Highway Research Project
P. F. Chenea
Associate Dean, Schools of Engineering
G. E. Davis
Director, Adult Education Division
H. L. Michael
Assistant Professor of Highway Engineering and Assistant Director, Joint Highway Research Project
Ben H. Petty
Professor of Highway Engineering and Chairman, Annual Road School

INDIANA STATE HIGHWAY DEPARTMENT

John Peters, New Albany
Charles M. Maddox, Otterbein
Harry E. Bodine, Greenwood
Carl E. Vogelgesang, Indianapolis
Joseph E. Wilson, Marion
Thomas G. McCulloch, New Albany

Chairman
Member
Member
Chief Engineer
Supt. of Maintenance
Chief Clerk

COUNTY HIGHWAY SUPERVISORS ASSOCIATION

C. E. Applegate, Spiceland
Harold Neal, Sullivan
Clyde McLeland, Angola
D. E. Lloyd, Rockport
Jay H. Shideler, Huntington

President
Vice-President
Vice-President
Vice-President
Secretary-Treasurer
Early registrants at Road School included: Glenn Harriman, President, Indiana Lock Joint Concrete Pipe Company, Lafayette; Mrs. Inah Lambert, Gaston, Delaware County Commissioner; Leroy Sutton, Muncie, Delaware County Road Supervisor. Receiving their enrollments, on the right, are: Mrs. Helen Beasley, Secretary, and Professor Ben H. Petty, Director of the Road School.

COUNTY SURVEYORS AND COUNTY ENGINEERS ASSOCIATION

Bert McClelland, South Bend
Charles E. Smith, Madison
Harold Norris, Peru
Don Gilbert, Angola
Joseph Smrt, Knox

President
Vice-President
Vice-President
Treasurer
Secretary

COUNTY COMMISSIONERS ASSOCIATION

Robert Hamilton, Indianapolis
Ancil Jennings, Winchester
Lester Boyd, Plainville
Kenneth Jobe, Connersville
Walter Smith, Martinsville
Claude Hanna, Roachdale
Claude Hodson, Greensburg

President
Vice-President
Vice-President
Vice-President
Secretary-Treasurer
Executive Secretary

CITY ENGINEERS ASSOCIATION

D. C. (Mike) Morin, Ft. Wayne
Kenneth Bowman, Shelbyville
A. Dan Ruth, West Lafayette

President
Vice-President
Secretary-Treasurer
Speakers at Road School, left to right: Mason Mahin, Laws Division, Automotive Safety Foundation, Washington, D. C.; Thomas Norris, Assistant Construction Engineer, Illinois Division of Highways, Springfield; W. N. Carey, Jr., Executive Assistant, Highway Research Board, Washington, D. C.; Professor Don S. Berry, of Purdue; and Carl McMonagle, President, Institute of Traffic Engineers, Assistant Director, Michigan State University Highway Safety Center, Lansing, Michigan.

INDIANA SECTION-INSTITUTE OF TRAFFIC ENGINEERS

William H. Bilby, Indianapolis
James H. Cox, Indianapolis
Frank S. Vukovits, South Bend

President
Vice-President
Secretary-Treasurer

INDIANA HIGHWAY CONSTRUCTORS, INC.

John E. Berns, Indianapolis
Paul H. Sawyers, Indianapolis
W. J. Grady, Indianapolis
W. M. Holland, Indianapolis

President
Vice-President
Secretary-Treasurer
Executive Secretary

INDIANA STREET COMMISSIONERS ASSOCIATION

S. Jan Ludwig, Lafayette
Arthur Gladieux, Ft. Wayne
Perry Colglazier, Salem
Ralph Lentz, Plymouth
Raymond Richardson, Bloomington
Otto Bossung, West Lafayette

President
Vice-President
Vice-President
Vice-President
Secretary-Treasurer
Officers of Highway Materials and Equipment Association of Indiana are, seated left to right: L. L. (Bud) Moon, Secretary; John Manwaring, Treasurer; and Bruce Short, President. Standing: Fred Johnston, Ralph Simpson, Bill Holland, and John Wardlaw, all directors. P. E. MacAllister, Vice President, and E. E. (Gene) Flesch, director, were not present. All officers are from Indianapolis.

INDIANA COUNTY AUDITORS’ ASSOCIATION

John M. Connell, Brook
Willis Howell, Kokomo
Frank C. Cornell, Goshen
Cedric Miller, Richmond
Everett J. Acree, Terre Haute

President
Vice-President
Vice-President
Secretary-Treasurer

DIRECTORY

The 1957 edition of the Directory of Indiana State, County and City Highway Officials was printed in time to be made available to those attending the Road School. Copies have also been sent out on the mailing list of Highway Extension News, and numerous subsequent requests for copies have been filled. The preparation of this booklet requires considerable time, effort, and expense, but the eagerness with which it is received seems a compensating justification.
ACKNOWLEDGMENTS

Obviously, it is not possible to list the names of all individuals who contributed in various degrees to the success of this annual Road School. Tribute should be paid, however, to some of the groups without whose loyal support and cooperation the Road School could not operate so effectively and produce such beneficial results. I am appreciative of the program contributions made by the official representatives of the various cooperating groups functioning as a program committee. The genuine interest and loyal support from the State Highway Department and other governmental agencies contributes greatly to the standing of this School. Purdue officials and staff are always helpful and cooperative in providing facilities, encouragement, and backing.

We are always impressed by the energetic and sincere cooperation exhibited by the officials and employees of the Purdue Memorial Union Building where the sessions are held. Their efficient and friendly assistance in staging the program sessions, providing ac-
commodations for guests in the Union Club, the serving of food, etc., is sincerely appreciated.

The Purdue Bureau of Information did an excellent job on state-wide publicity for this annual affair. Those who served on our registration staff were efficient and courteous in discharging their duties, which at times were quite strenuous. Their services are greatly appreciated.

FORTY-FOURTH ANNUAL ROAD SCHOOL

The 44th annual Road School is scheduled for April 7-10, 1958. We are uncertain as to whether a Road Show will be staged as a supplement to the Road School in 1958.

BEN H. PETTY