Preface

Judging by comments received from many different sources, the 35th annual Road School-Show was one of the best we have ever conducted. The programs for both general and separate sessions were outstanding in coverage and quality of speakers presented. The official registration total of 1,117 was a close approach to our record registration of 1,231 in 1941. From beginning to end the School and the show seemed to function smoothly. This is a factor which is frequently commented upon by out-of-state visitors.

CLASSIFIED REGISTRATION

The following comparison of classified registrations for the past five Road Schools may be of interest:

<table>
<thead>
<tr>
<th>Classified Road School Registration by Groups</th>
<th>1945</th>
<th>1946*</th>
<th>1947</th>
<th>1948</th>
<th>1949*</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Highway Commission</td>
<td>155</td>
<td>183</td>
<td>182</td>
<td>181</td>
<td>200</td>
</tr>
<tr>
<td>County Road Supervisors</td>
<td>61</td>
<td>62</td>
<td>57</td>
<td>53</td>
<td>72</td>
</tr>
<tr>
<td>Other County Road Employees</td>
<td>43</td>
<td>67</td>
<td>7</td>
<td>13</td>
<td>37</td>
</tr>
<tr>
<td>County Surveyors</td>
<td>57</td>
<td>49</td>
<td>51</td>
<td>55</td>
<td>50</td>
</tr>
<tr>
<td>Assistant County Surveyors</td>
<td>6</td>
<td>12</td>
<td>7</td>
<td>9</td>
<td>11</td>
</tr>
<tr>
<td>County Commissioners</td>
<td>62</td>
<td>91</td>
<td>48</td>
<td>57</td>
<td>83</td>
</tr>
<tr>
<td>City Officials</td>
<td>55</td>
<td>78</td>
<td>50</td>
<td>48</td>
<td>78</td>
</tr>
<tr>
<td>Contractors and Employees</td>
<td>15</td>
<td>77</td>
<td>37</td>
<td>38</td>
<td>81</td>
</tr>
<tr>
<td>Materials and Equipment Men</td>
<td>90</td>
<td>315</td>
<td>124</td>
<td>132</td>
<td>303</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>64</td>
<td>113</td>
<td>103</td>
<td>161</td>
<td>202</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>608</td>
<td>1,047</td>
<td>666</td>
<td>747</td>
<td>1,117</td>
</tr>
</tbody>
</table>

* Road Show.

Note: No students, other than graduate students in Highway Engineering, and none of the hundreds of townspeople who attended the Road Show are included in these registration figures.

PROGRAM SESSIONS

Road School program sessions were held on three and one-half days. General sessions were held Monday, Wednesday, and Thursday afternoons in addition to the short introductory session on Monday morning. Separate group sessions were held on the mornings of Tuesday, Wednesday, and Thursday. The Wednesday afternoon general session
was devoted entirely to reports on some activities of the Joint Highway Research Project. All program sessions were held in the Memorial Union Building.

OUT-OF-STATE SPEAKERS

Out-of-state speakers who contributed greatly to the success of the program included:

Ben F. Ostergren, Manager, County Officials Division, American Road Builders’ Association, Washington, D. C.

Otto Hess, Engineer-Manager, Kent County Road Commission, Grand Rapids, Michigan.

Hal H. Hale, Executive Secretary, American Association of State Highway Officials, Washington, D. C.

James F. Kelly, Assistant Chief Engineer, Cook County Highway Department, Chicago, Illinois.

Douglas Lindsay, Assistant Engineer of Materials, Illinois State Highway Department, Springfield, Illinois.

W. W. Sanders, Chief Engineer, Department of Public Works, Louisville, Kentucky.

Lloyd A. Bowman, Traffic Engineer, Oak Ridge, Tennessee.

George Koronski, Gogebic County Highway Engineer, Bessemer, Michigan.

C. S. Mullen, Chief Engineer, Virginia State Highway Department, Richmond, Virginia.

Arthur C. Butler, Director, National Highway Users Conference, Washington, D. C.

Burton W. Marsh, Director, Traffic Engineering and Safety Department, American Automobile Association, Washington, D. C.


The varied qualifying experiences and the timeliness and coverage of the subjects presented insured an outstanding general-session program. The young men from the Joint Highway Research Project performed admirably in acquainting those present with the varied and important highway-research activities being carried on at Purdue. The attendance and the interest in the separate group sessions exceeded those of any other recent year. Our recently adopted policy of combining the county commissioners and county road supervisors for these separate sessions has amply demonstrated its desirability. This is the one time during the year when the various state highway groups can sit down together to discuss problems pertaining to their particular groups.
Distinguished guests, university officials, and state highway officials. Left to right: Prof. R. B. Wiley, Head, School of Civil Engineering and Engineering Mechanics, Purdue; Governor Henry F. Schricker, State of Indiana; Dr. Frank C. Hockema, Vice-President and Executive Dean, Purdue; General Philip B. Fleming, (then) Administrator, Federal Works Agency, Washington, D. C.; Dean A. A. Potter, Schools of Engineering, Purdue; Earl B. Lockridge, Superintendent of Maintenance, State Highway Commission of Indiana; Ray H. Bower, Chief Engineer, State Highway Commission; Samuel C. Hadden, Chairman, State Highway Commission. (Photo by Joint Highway Research Project.)
SPECIAL EVENTS

The Lafayette Chapter of the Indiana Society of Professional Engineers again sponsored a smoker on Monday evening. Dr. G. E. Davis, Director of the Office of Student Affairs at Purdue, presented one of his inimitable programs of favorite poems of James Whitcomb Riley. This performance went over big with the large group of road men present. Cigars and cigarettes were provided by the Lafayette Chapter, ISPE. Professor K. B. Woods, program chairman for this group, served as presiding officer.

The Road School was climaxed in grand shape by the banquet program on Thursday night. Guest speakers were Governor Henry F. Schricker and General Philip B. Fleming, Director, Federal Works Agency, Washington, D. C. The Governor was presented by Vice-President Frank C. Hockema, and General Fleming was introduced by Dean A. A. Potter. Ben H. Petty served as toastmaster.

ROAD SHOW

The Indiana Highway Materials and Equipment Association sponsored its most successful Road Show in the Purdue Armory as a supplement to the Road School. Approximately 50 exhibits were attractively staged and covered a wide variety of materials and equipment. The attendance at and the interest in this exhibit were probably the best yet attained. The Show was officially opened Monday at 8:00 P.M. following the smoker program. It was open Tuesday afternoon and night and Wednesday night. The West Lafayette High School Dance Band did an excellent job in providing music at the Monday night opening session of the Road Show. A group of caterers from Indianapolis did a marvelous job in setting up shop Tuesday afternoon in the Armory and preparing and serving an excellent fried chicken dinner to some 650 road officials, contractors, and other guests from 5:00 to 7:00 P.M. This chicken dinner was with the compliments of the Highway Materials and Equipment Association. The Road Show was climaxed with a drawing for several valuable prizes at 9:00 P.M. Wednesday.

DIRECTORY

A 1949 Directory of Indiana State, County, and City Road Officials was compiled and printed in time for distribution at the Road School. This service is greatly appreciated by the highway industry. Many additional requests are received throughout the year from Indiana and many other states.
Guest Speakers and Presiding Officers. Left to right: Burton W. Marsh, Director, Traffic Engineering and Safety Department, American Automobile Association, Washington, D.C.; Samuel C. Had­den, Chairman, State Highway Commission of Indiana; Arthur C. Butler, Director, National Highway Users Conference, Washington, D.C.; Ben H. Petty, Chairman, Road School; C. S. Mullen, Chief Engineer, Virginia State Highway Department, Richmond, Virginia. (Photo by J.H.R.P.)
CARD BADGES

The card badges adopted at the 1948 School to be carried in the front coat pocket as an identification were used very successfully this year. Instead of typing the names on these cards, we utilized the services of two student members of Chi Epsilon to ink in the names with large letters, thus saving considerable time and making the names much more easily read.

COOPERATING GROUPS

The Indiana Highway Users Conference was added as a cooperating group this year. The 1949 official directory of the Road School cooperating groups follows:

State Highway Commission of Indiana
Samuel C. Hadden, Indianapolis.................................................................Chairman
Jap Jones, Fort Wayne............................................................................Member
Thomas B. McDonald, Knox.................................................................Member
Albert J. Wedeking, Dale........................................................................Member
Ray H. Bower, Tipton...........................................................................Chief Engineer
Earl B. Lockridge, Indianapolis.......................................................Superintendent of Maintenance

County Highway Supervisors Association
Harold E. Mason, Danville.................................................................President
F. E. Bricker, Frankfort........................................................................Vice-President
G. O. Keilholz, Lafayette.......................................................................Vice-President
Ernest E. Coffin, Richmond....................................................Secretary-Treasurer

County Surveyors and County Engineers Association
Asher W. Gray, Wabash..............................................................President
Lester Janey, Muncie........................................................................Vice-President
Earl Alexander, Laporte....................................................................Vice-President
Harley K. Spears, LaGrange.............................................................Treasurer
Lessel L. Buzzard, Huntington.........................................................Secretary

County Commissioners Association
Howard Leach, Terre Haute.................................................................President
Decolia Denton, Evansville.................................................................Vice-President
Fred Bills, Lewisville........................................................................Secretary-Treasurer

City Engineers Association
Joseph C. Horner, Marion................................................................President
William E. Ross, Richmond............................................................Vice-President
Ralph Wiltsie, Princeton...............................................................Secretary-Treasurer

Traffic Engineers Association
Elmo E. Stuckey, Fort Wayne.................................................................President
John E. Camardy, Lafayette...............................................................Vice-President
A. L. Hartman, Indianapolis.........................................................Secretary-Treasurer
Highway Materials and Equipment Association
Bruce Short, Indianapolis.................................................................President
Robert Wilson, Indianapolis............................................................Vice-President
Tom Goby, Bloomington.................................................................Secretary
E. E. Flesch, Indianapolis.................................................................Treasurer

Indiana Highway Constructors, Inc.
Blair Rieth, Goshen.............................................................................President
R. L. Schutt, Indianapolis.................................................................Vice-President
E. B. Johnson, Indianapolis..............................................................Secretary-Treasurer
W. M. Molland, Indianapolis............................................................Executive Secretary

Indiana Street Commissioners Association
Edsel Stevens, Vincennes....................................................................President
Frank Rose, Crawfordsville..............................................................Vice-President
Ray Spotts, Goshen..........................................................................Vice-President
L. D. Crum, New Castle....................................................................Vice-President
Ray Childs, Franklin........................................................................Vice-President
I. V. Pence, Peru................................................................................Secretary
Jack Hartshorn, Marion....................................................................Treasurer

Indiana Highway Users Conference
Todd Stoops, Indianapolis...............................................................Chairman
Harry Harmon, Indianapolis............................................................Vice-Chairman
Leland K. Fishback, Indianapolis.......................................................Secretary

ACKNOWLEDGEMENTS
Commendation for official backing, encouragement, and assistance in planning and supervising the Road School and Show is due the following:

1. To President Hovde, Vice President Hockema, Dean Potter, and Professor Wiley for encouragement, interest, and participation.

2. To Professor K. B. Woods and his staff in the Joint Highway Research Project for staging the general session Wednesday afternoon and for the exhibit they prepared and staffed at the Road Show. Professor Woods also provided two girls from his office staff to assist in registration.

3. To K. E. Glancy of the Technical Extension Division for relieving me of so many time-consuming details in providing and placing placards which designated various meeting rooms, handling physical arrangements for and supervising registration, sale of banquet tickets, and other valuable assistance.

4. To Mrs. Ruth Cutler for competent and helpful service over many weeks in handling Road School correspondence, setting up the program manuscript, preparing the manuscript.
Group at Road Show viewing display of Indiana State Highway Traffic Flow Model. Left to right: A. W. Johnson, Soils Engineer, Highway Research Board, Washington, D. C.; W. T. Spence, Soils Engineer, State Highway Commission of Indiana; W. M. Holland, Executive Secretary, Indiana Highway Constructors, Inc., Indianapolis; Frank W. Stubbs, Professor of Structural Engineering, Purdue; C. H. Carr, Instrument Repair, State Highway Commission of Indiana; Harry Overesch, Engineer, Physical Plant Department, Purdue. (Photo by J. H. R. P.)
for Directory, getting out copies of *Highway Extension News*, and assistance at the registration desk.

5. To T. R. Johnston and J. C. Hannah for an excellent job in handling Road School Publicity.

6. To L. M. Vallely and his Purdue Memorial Union staff for very fine cooperation in scheduling reservations in the Union Club, reserving and preparing rooms for the various meetings, and providing the many facilities needed to insure the smooth running of this annual affair.

7. To D. O. Covault for assistance in grading highway examinations and dailies, grading the highway section of the engineers-in-training examination, and tabulating final grades—all of which relieved me so that I could utilize the released time in planning and supervising the Road School and Show.

8. To Bill Goetz for assistance in making broadcasting arrangements for several road school men over Purdue station WBAA.

9. To Professor J. J. Davis and other officials of the School of Agriculture for willingness to exchange dates with us in the scheduling of his annual Pest Control Conference so that we could utilize the Armory for the Road Show during Spring Vacation.

10. To Colonel J. B. Horton, PMS&T at Purdue, for extending his hearty cooperation in making the Purdue Armory available to us for the Road Show.

11. To R. T. Hamilton and his Physical Plant staff for the varied assistance provided in connection with physical arrangements for the Road Show.

12. To Chi Epsilon for the assistance which several members rendered in marking off exhibit spaces in the Armory, assisting at registration, and providing blackboards for separate session rooms.

13. To the officers of the Highway Materials and Equipment Association for splendid cooperation in staging the Road Show.

14. To the officers of the cooperating groups for assistance in preparing the separate-session programs.

15. And finally, to all who participated on the various programs.

For all this and other assistance I am extremely grateful.

**CHANGE OF DATES**

This year’s change of dates from the customary January-February period to the Spring Vacation worked out most satisfactorily, and we
plan to continue scheduling the Road School and Road Show during the Spring Vacation period. The 1950 dates will be April 10-13.

CONCLUSION

Again we have completed one of our most successful Road Schools and Road Shows. The attendance was the greatest since 1941, and it was one of the smoothest-functioning road schools and shows staged in many years. This annual event continues to rank at or near the top among similar road schools in this country. Unquestionably, it performs a most valuable and much-needed service to the road men of Indiana and neighboring states.

Ben H. Petty