Preface

The 68th Annual Road School was well attended by members of all cooperating groups. The efforts of all who gave freely of their time toward the success of this venture are gratefully acknowledged.

The 69th Annual Road School will be held on Tuesday, Wednesday, and Thursday, March 8-10, 1983, at Purdue University, West Lafayette, Indiana.

REGISTRATION

The official registration totaled 1013. The following tabulation shows the classified Road School registrations over the past five years.

CLASSIFIED ROAD SCHOOL REGISTRATIONS

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<tr>
<td>State Highway Personnel</td>
<td>343</td>
<td>322</td>
<td>305</td>
<td>215</td>
<td>249</td>
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<tr>
<td>County Road Supervisors and Employees</td>
<td>60</td>
<td>71</td>
<td>68</td>
<td>74</td>
<td>53</td>
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<tr>
<td>County Highway Engineers and Assistants</td>
<td>41</td>
<td>52</td>
<td>42</td>
<td>50</td>
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<tr>
<td>County Surveyors and Deputies</td>
<td>27</td>
<td>47</td>
<td>38</td>
<td>46</td>
<td>49</td>
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<tr>
<td>County Commissioners</td>
<td>101</td>
<td>163</td>
<td>133</td>
<td>141</td>
<td>126</td>
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<td>County Auditors</td>
<td>37</td>
<td>36</td>
<td>40</td>
<td>34</td>
<td>42</td>
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<tr>
<td>City Officials</td>
<td>72</td>
<td>87</td>
<td>101</td>
<td>102</td>
<td>90</td>
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<td>Contractors, Materials and Equipment Supplies</td>
<td>206</td>
<td>182</td>
<td>154</td>
<td>90</td>
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<td>Purdue University</td>
<td></td>
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<td>37</td>
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<td>Miscellaneous</td>
<td>69</td>
<td>92</td>
<td>82</td>
<td>68</td>
<td>293</td>
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<td>Total</td>
<td>1,033</td>
<td>1,123</td>
<td>1,047</td>
<td>892</td>
<td>1,013</td>
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COOPERATING GROUPS

The 1982-1983 official directory of the Road School cooperating groups is as follows:
OFFICIAL DIRECTORY
1981-1982 Officers

Purdue University

A.G. Hansen ............................................................... President
J.C. Hancock ............................................................. Dean, Schools of Engineering
D.A. Landgrebe .......................................................... Associate Dean, Schools of Engineering, and
                                                    Director, Engineering Experiment Station
J.F. McLaughlin .......................................................... Associate Dean, Schools of Engineering, and
                                                    Secretary, Joint Highway Research Project
H.L. Michael ............................................................... Head, School of Civil Engineering, and
                                                    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 Department of Highways

Gene K. Hallock .......................................................... Director

Deputy Directors

E. Wayne Walters ....................................................... Highway Development
Donald W. Lucas ........................................................ Highway Operations
Paul L. Owens ............................................................ Engineering and Management Services
Daniel A. Novreske ................................................... Highway Administration
Kenneth R. Hoover ..................................................... Toll Facilities

Indiana Association of County Commissioners

Arnold Dougherty, Wayne Co. ........................................ President
Hal Doriot, Elkhart Co. .................................................. Vice President
Eugene Lewis, Jasper Co. ................................................. Secretary-Treasurer
Jean Hittle, Tippecanoe Co. ............................................ Executive Secretary

Indiana Association of County Highway Supervisors

Gene Shurte, LaPorte Co. ................................................ President
Doug Roberts, White Co. ................................................ Vice President
Dan Jones, St. Joseph Co. ............................................... Secretary-Treasurer

Indiana Association of County Engineers

J. William Strange, Hancock County ................................ President
Bradley Rayl, Tipton County ........................................... Secretary-Treasurer
INDIANA COUNTY SURVEYORS ASSOCIATION
Kenton Ward, Hamilton Co. .............................................. President
Don Rock, Elkhart Co. ....................................................... Vice President
Rollyn Blankenbeker, Clark Co. ........................................... Vice President
John McNamara, Saint Joseph Co. ....................................... Secretary-Treasurer

INDIANA CITY ENGINEERS ASSOCIATION
Harold E. Smith, Anderson ................................................ President
Lawrence Lambert, Kokomo ............................................. Vice President
Stan Hiatt, ............................................................. Secretary-Treasurer
Maurice Callahan, Lafayette ............................................. Director

INDIANA STREET COMMISSIONERS ASSOCIATION
Jim Harper, Crawfordsville ........................................... Acting President
Robert Crook, Mishawaka ............................................... First Vice President
Cletus Flick, Washington ............................................... Second Vice President
Tom Bresse, Michigan City ............................................. Third Vice President
Ray Ulrich, Kokomo ....................................................... Fourth Vice President
Charles H. Keller, Madison ............................................. Secretary-Treasurer

INDIANA SECTION
INSTITUTE OF TRANSPORTATION ENGINEERS
Lamar Ziegler, Carmel ..................................................... President
Steve Hardesty, Crawfordsville ........................................ Vice President
John Meyers, Indianapolis ................................................ Treasurer
J. William Strange, Greenfield ........................................ Secretary
Tad A. Dickerson, Carmel ................................................ Director

INDIANA COUNTY AUDITORS ASSOCIATION
Naomi Jackson, Bartholomew Co. .................................... President
Charles Miller, Elkhart Co ................................................ 1st Vice President
Sherry K. Waters, LaPorte Co. ........................................ 2nd Vice President
Beverly Kelp, Brown Co. ................................................ Secretary-Treasurer

INDIANA CONSTRUCTORS, INC.
Leroy Reitmeyer, Vincennes ............................................ President
Robert Cory, Indianapolis ................................................ Vice President
Anual Sharp, Indianapolis ................................................ Secretary-Treasurer
James Newland, Indianapolis ........................................... Executive Secretary

AMERICAN PUBLIC WORKS ASSOCIATION
Carl O'Neal, Fort Wayne ................................................... President
John Hardwick, Valparaiso ............................................... Vice President
Joseph Harrison, Indianapolis .......................................... Secretary-Treasurer
Lawrence Lambert, Kokomo ........................................... Director
Roger Tate, Indianapolis .................................................. Director
John Farrar, Indianapolis ................................................ Indiana Delegate
Figure 1. Road School Planners. Members of the Road School Planning Committee are from the Indiana Department of Highways, Purdue, and various Indiana associations concerned with highways.
Front row (left to right): Stan Yoder, IDOH; Dan Novreske, IDOH; Jim Newland, Indiana Constructors Inc.; Frank Vukovits, IDOH; Hal Doriot, County Commissioner; Arnold Dougherty, County Commissioner; Jack McDonald, Indiana Constructors Inc.; Bill Goetz, Purdue; second row: Harold Michael, Purdue; Ken Mellinger, IDOH; Jon Fricker, Purdue; Steve Hardesty, Institute of Transportation Engineers; Eugene Shurte, County Highway Supervisor; Gene Hallock, IDOH; Don Shurig, Purdue; Gus Gutzwiller, Purdue; third row: Harold Horine, IDOH; Gil Satterly, Purdue; Dave South, County Engineer; Virgil Bell, IDOH; Jean Hittle, Purdue; Art Graham, Construction Digest; fourth row, somewhat staggered: Jim Harper, Street Commissioner; Paul Owens, IDOH; Chuck Scholer, Purdue; Len Wood, Purdue; Al Altschaeffi, Purdue; Larry Scott, IDOH; Kumaresh Sinha, Purdue; Murray Cantrall, IDOH; Bob Eskew, IDOH; last row: Max Hunter, IDOH; Don Houterloot, IDOH; Tom May, IDOH; Don Lucas, IDOH; Clint Venable, IDOH; Richard Payne, IDOH; and Wayne Walters, IDOH.

Figure 2. Tuesday general session speakers (left to right): Jerry Love, Director of Education & Communications, The Asphalt Institute, College Park, Maryland; Ernie Williams, Vice President Public Affairs, Indiana Chamber of Commerce, Indianapolis; Art Graham, Executive Vice President, Indiana Highways for Survival, Indianapolis; William H. Goetz, Assistant Head, School of Civil Engineering, presiding.
Figure 3. Wednesday morning general session speakers (left to right): Don Lucas, Deputy Director, Highway Operations, IDOH, presiding; Leo Laviolette, Vice President, Hamilton Automobile Club, Hamilton, Ontario, Canada, and President, Institute of Transportation Engineers; Bob L. Smith, Professor of Civil Engineering, Kansas State University, Manhattan, Kansas; Harold L. Michael, Head, School of Civil Engineering, and Director, Joint Highway Research Project, Purdue; Robert Betsold, Director, Office of Development, FHWA, Washington, D.C.

Figure 4. Wednesday afternoon general session speakers (left to right): Joe Sudol, Research Coordinator, Research and Training Center, IDOH; E. J. Yoder, Professor, Civil Engineering, Purdue; R. L. Eskew, Chief Materials and Research Division, IDOH, presiding; Dennis B. Wedding, P.E., Hoechst Fibers Industry.
Figure 5. Thursday general session speakers (left to right): Adriaan Van Wijk, Graduate Instructor in Research, Purdue; Arthur M. Rucker, Bituminous Engineer, IDOH; Keith J. Kercher, Research Engineer, IDOH; Lee Perry, Assistant Professor of Organizational Behavior, School of Management, Purdue; Robert L. Eskew, Chief, Division of Materials and Research, IDOH, presiding; Gene K. Hallock, Director, IDOH.

Figure 6. Indiana Association of County Commissioners for 1982-1983 include (left to right): Eugene Lewis, Jasper County, secretary treasurer; Hal Doriot, Elkhart County, vice president; Arnold Dougherty, Wayne County, president; Jean E. Hittle, Tippecanoe County, executive secretary.
Figure 7. Indiana Section—Institute of Transportation Engineers for 1982-1983 include (left to right): William Wiedelman, newsletter editor; J. William Strange, Greenfield, secretary; Lamar Ziegler, Carmel, president; Steve Hardesty, Crawfordsville, vice president.

Figure 8. Indiana Association of County Engineers officers for 1982-1983 include (left to right): J. William Strange, Hancock County, president; Bradley Rayl, Tipton County, secretary-treasurer.
Figure 9. Indiana County Surveyors Association officers for 1982-1983 include (left to right): John McNamara, St. Joseph County, secretary-treasurer; Kenton Ward, Hamilton County, president; Rollyn Blankenbeker, Clark County, second vice president; Don Rock, Elkhart County, first vice president.

Figure 10. Indiana Association of County Highway Supervisors for 1982-1983 include (left to right): Dan Jones, St. Joseph County, secretary-treasurer; Gene Shurte, LaPorte County, president.
Figure 11. Indiana Street Commissioners for 1982-1983 include (left to right): James Harper, Crawfordsville, president; Robert Crook, Mishawaka, first vice president; Cletus Flick, Washington, second vice president; Charles Keller, Madison, secretary-treasurer; Tom Breese, Michigan City, third vice president; Ray Ulrich, Kokomo, fourth vice president.

Figure 12. Department of Highways Construction Division chief Bill Ritman congratulates the winners of this year’s IDOH Pavement Smoothness Awards presented during opening sessions of the 1982 Purdue Road School. Ritman shakes hands with Mr. Bill Haupt, president of Stone City Construction Company of Bedford, Winner in the bituminous category for a resurfaced portion of Ind. 54 in Greene County, as Gary Stebbins (center), vice-president of E & B Paving of Muncie looks on. E & B took top honors in the flexible pavement category for an eight-mile section of Ind. 37 from I-69 to north of Ind. 38 in Hamilton County. Also receiving certificates of recognition were Jim Maddox (far left), Vincennes District area engineer, accepting on behalf of DOH project supervisor Marlin Lux, and Steve Imran (far right), project engineer from the Greenfield District. Lux was project supervisor on the Ind. 54 contract and Imran was project engineer on the Ind. 37 work.

Pavement Smoothness awards are made annually by the IDOH in recognition of outstanding work performed for the state by contractors. The Highway Department supervisors on the project are also recognized.
Figure 13. Highway Department Safety Director Gene Hedges (left) presents the department's annual Safety Awards to the 1981 winners, the Vincennes District and Paoli subdistrict, during the 1982 Road School. Accepting for Vincennes was Aden Carr, district engineer, (center) and for Paoli, Clifford Mason, subdistrict superintendent.

Safety awards, the purpose of which is to recognize and commend a good safety record and to promote further on-the-job safety, are presented yearly to the Highway district and subdistrict having earned the best safety record during the preceding twelve months. Awards are based on the lowest number of accidents per man-hour worked and are presented by IDOH each spring at Road School.