Preface

The 69th 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 70th Annual Road School will be held on Tuesday, Wednesday, and Thursday, March 6-8, 1984, at Purdue University, West Lafayette, Indiana

REGISTRATION

The official registration totaled 1,003. The following tabulation shows the classified Road School registrations over the past five years.

CLASSIFIED ROAD SCHOOL REGISTRATIONS

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>State Highway Personnel</td>
<td>322</td>
<td>305</td>
<td>215</td>
<td>249</td>
<td>242</td>
</tr>
<tr>
<td>County Road Supervisors and</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Employees</td>
<td>71</td>
<td>68</td>
<td>74</td>
<td>53</td>
<td>65</td>
</tr>
<tr>
<td>County Highway Engineers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>and Assistants</td>
<td>52</td>
<td>42</td>
<td>50</td>
<td>45</td>
<td>45</td>
</tr>
<tr>
<td>County Surveyors and Deputies</td>
<td>47</td>
<td>38</td>
<td>46</td>
<td>49</td>
<td>45</td>
</tr>
<tr>
<td>County Commissioners</td>
<td>163</td>
<td>133</td>
<td>141</td>
<td>126</td>
<td>136</td>
</tr>
<tr>
<td>County Auditors</td>
<td>36</td>
<td>40</td>
<td>34</td>
<td>42</td>
<td>46</td>
</tr>
<tr>
<td>City Officials</td>
<td>87</td>
<td>101</td>
<td>102</td>
<td>90</td>
<td>79</td>
</tr>
<tr>
<td>Contractors, Materials and</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment Supplies</td>
<td>182</td>
<td>154</td>
<td>90</td>
<td>29</td>
<td>93</td>
</tr>
<tr>
<td>Purdue University</td>
<td></td>
<td></td>
<td></td>
<td>37</td>
<td>43</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>92</td>
<td>82</td>
<td>68</td>
<td>293</td>
<td>209</td>
</tr>
<tr>
<td>Total</td>
<td>1,123</td>
<td>1,047</td>
<td>892</td>
<td>1,013</td>
<td>1,003</td>
</tr>
</tbody>
</table>

COOPERATING GROUPS

The 1983-1984 official directory of the Road School cooperating groups is as follows:
OFFICIAL DIRECTORY
1983-1984 Officers

PURDUE UNIVERSITY

S.C. Beering.................................................................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
                                      Director, Highway Extension and Research Project for Indiana
                                      Counties and Cities

INDIANA DEPARTMENT OF HIGHWAYS
Gene K. Hallock...............................Director

Deputy Directors
E. Wayne Walters.........................Highway Development
Donald W. Lucus............................Highway Operators
Paul L. Owens.........................Engineering and Management Service
Daniel A. Novreski.......................Highway Administration
Kenneth R. Hoover....................Toll Facilities

INDIANA ASSOCIATION OF
COUNTY COMMISSIONERS
Charles Hillenburg, Lawrence Co..................President
Eugene Lewis, Jasper Co......................Vice President
Ellsworth Biesecker, Clinton Co............Secretary-Treasurer
Jean E. Hittle, Tippecanoe Co............Executive Secretary

INDIANA ASSOCIATION OF
COUNTY HIGHWAY SUPERVISORS
Dan Jones, St. Joseph Co......................President
William Meyers, Steuben Co................Vice-President
Steven Brooke, White Co....................Secretary-Treasurer

INDIANA ASSOCIATION OF
COUNTY ENGINEERS
Jimmy D. Hufford, Hamilton Co............President
Bradley Rayl, Tipton Co...................Vice President
Warren Sudhoff, Delaware Co............Secretary-Treasurer
INDIANA COUNTY SURVEYORS ASSOCIATION  
Don Rock, Elkhart Co. ......................................................... President  
Darwin Vanderwall, Newton Co. .................................. Northern Vice President  
Neil Conner, Clinton Co. ................................................ Central Vice President  
Rollyn Blankenbeker, Clark Co. .................................. Southern Vice President  
John McNamara, St. Joseph Co. ................................. Secretary-Treasurer

INDIANA STREET COMMISSIONERS ASSOCIATION  
Jim Harper, Crawfordsville ......................................................... President  
Cletus Flick, Washington ......................................................... 1st Vice President  
Bill Fife, Lafayette ................................................................. 2nd Vice President  
Vince Baucco, Wabash ............................................................... 3rd Vice President  
Bill Mishler, Nappanee .............................................................. 4th Vice President  
Charles H. Keller, Madison .................................................... Secretary-Treasurer

INDIANA SECTION INSTITUTE OF TRANSPORTATION ENGINEERS  
Steve Hardesty, Crawfordsville .................................................. President  
John Meyers, Indianapolis .......................................................... Vice President  
J. William Strange, Greenfield .................................................. Treasurer  
Tad A. Dickerson, Carmel .......................................................... Secretary  
Jon D. Fricker, West Lafayette .................................................... Director

INDIANA COUNTY AUDITORS ASSOCIATION  
Charles Miller, Elkhart Co. .................................................. President  
Sherry K. Waters, LaPorte Co. ........................................ 1st Vice President  
Vi Simpson, Monroe Co. .................................................. 2nd Vice President  
Beverly Kelp, Brown Co. .......................................................... Secretary  
Florence Bruner, Adams Co. .................................................. Treasurer

INDIANA CONSTRUCTORS, INC.  
Robert Cory, Indianapolis .................................................. President  
Richard Sieboldt, Bloomington ........................................ Secretary-Treasurer  
James Newland, Indianapolis ............................................... Executive Secretary

AMERICAN PUBLIC WORKS ASSOCIATION  
John Farrar, Indianapolis .................................................. President  
Fred L. Medorin, Indianapolis ........................................ Vice President  
David Ross, Fort Wayne ................................................ Secretary-Treasurer  
John A. Hardwick .......................................................... Board Member  
Carl O’Neal, Ft. Wayne ................................................ Delegate to House of Delegates
Figure 1. Road School Planners. Members of the Road School Planning Committee are from the Indiana Department of Highways (IDOH), Purdue and various Indiana associations concerned with highways and streets. Front row (left to right): Bill Goetz, Purdue; Harold Michael, Purdue; Jack McDonald, Indiana Constructors Inc.; Walter Frick, IDOH; Ken Hoover, IDOH; Don Rock, County Surveyor; second row: Jean Hittle, County Commissioners; Kumares Sinha, Purdue; William Strange, County Engineers; Richard Payne, IDOH; Jim Newland, Indiana Constructors Inc.; Carl Kramer, IDOH; Mike Shurig, Purdue; Will Chen, Purdue; third row: Ken Curtis, Purdue; Gil Satterly, Purdue; Bob Woods, IDOH; Dan Jones, County Road Supervisors; Bill Ritman, IDOH; Stan Yoder, IDOH; fourth row: Tom May, IDOH; Clint Venable, IDOH; Chuck Scholer, Purdue; Don Houterloot, IDOH; Bob Shanteau, Purdue; Bob Eskew, IDOH; Jim Gulick, IDOH; Wayne Walters, IDOH.

Figure 2. Tuesday general session speakers (left to right): Lloyd E. Anderson, executive director, Port of Portland, and president, Institute of Transportation, American Public Works Association, Portland, Oregon; James G. Newland, executive secretary, Indiana Constructors, Inc., Indianapolis; T. Randolph Russell, vice president—Public Affairs, American Road and Transportation Builders Association, Washington, D.C.
Figure 3. Wednesday general session speakers (left to right): Lester R. Lamm, deputy federal highway administrator, Federal Highway Administration, Washington D.C.; Ralph E. Speer, Jr., director of public works, Rockford, Illinois; James L. Foley, Jr., retired director, Office of Highway Safety, Federal Highway Administration and president, Institute of Transportation Engineers, Baltimore, MD; Paul Owens, deputy director, Engineering and Management Services IDOH, Indianapolis; (not shown) Lynne H. Irwin, associate professor and program leader, Cornell University Local Roads Program, Ithaca, NY.

Figure 4. Thursday general session speakers (left to right): Sidney Diamond, research associate, Purdue; Charles F. Scholer, associate director, Highway Extension and Research Project for Indiana Counties and Cities (HERPICC), Purdue; Gene K. Hallock, director, IDOH; Essam Sharaf, research instructor, Purdue; Harold L. Michael, head, School of Civil Engineering and director, Joint Highway Research Project, Purdue; C. William Lovell, professor of civil engineering, Purdue.
Figure 5. Road School Co-Chairman Harold L. Michael receives an honorary life membership award from Indiana Constructors Inc. for his many years of service toward highway advancement in the State of Indiana. Presenting the Award is J.J. (Mick) McTague, member, board of directors of Indiana Constructors and secretary-treasurer, Fauber Construction Co., Lafayette. McTague represented Robert Cory, president of Indiana Constructors and vice president of Tousley-Bixler Construction Co., Inc., Indianapolis. Acting President John W. Hicks, Purdue University is in the foreground. The presentation was made at the Road School Luncheon on March 9, 1983.
Figure 6. The 1983 Road School luncheon speakers was Professor Emeritus Dale Baughman of Secondary Education, Indiana State University, Terre Haute. At a well-attended luncheon he gave a most interesting talk entitled "Phantasmagoria".

Figure 7. The Pavement Smoothness Award is presented by Bill Rittman, center, chief, Division of Construction, IDOH, to Skip Hilary, right, Rieth-Riley project supervisor and Paul Hoopengarner, IDOH district project engineer, Crawfordsville. In the category of bituminous resurfacing, Rieth-Riley took the honors. The winning project was the resurfacing of I-70, 9.484 miles in length, from 0.5 miles east of US 231 to 10 miles east of US 231 (Little Point interchange) in Putnam and Morgan counties.
Figure 8. Indiana County Commissioners officers for 1983-1984 include (left to right): Jean Hittle, executive director; Ellsworth Biesecker, secretary treasurer; Eugene Lewis, vice president; Charles Hillenburg, president; and Hal Doriot, past president.

Figure 9. Indiana Association of County Highway Supervisors for 1983-1984 include (left to right): William Meyers, Steuben Co., vice president; Dan Jones, St. Joseph Co., president; Steven Brooke, White Co., secretary-treasurer.
Figure 10. Indiana County Engineers for 1983-1984 include (left to right): Bradley Rayl, vice president; Jimmy Hufford, president; and Warren Sudhoff, secretary-treasurer.

Figure 11. Indiana County Surveyors officers for 1983-1984 include (left to right): Darwin Vanderwall, northern vice president; Don Rock, president; John McNamara, secretary-treasurer; Neil Conner, central vice president; and Rollyn Blankenbeker, southern vice president.
Figure 12. Indiana Street Commissioners for 1983-1984 include (left to right): Jim Harper, president; Cletus Flick, first vice president; Bill Fife, second vice president; Vincent Baucco, third vice president; Charles Keller, secretary-treasurer; and Bill Mishler, fourth vice president.

Figure 13. Indiana Section-Institute of Transportation Engineers for 1983-1984 include (left to right): John Meyers, Indianapolis, vice president; Steve Hardesty, Crawfordsville, president; Jon D. Fricker, West Lafayette, director; J. William Strange, Greenfield, treasurer; (not pictured) Tad A. Dickerson, Carmel, secretary.
Figure 14. Indiana County Auditors Association officers for 1983-1984 include (left to right): Florence Bruner, Adams Co., secretary; Sherry K. Waters, LaPorte Co., 1st vice president; Charles Miller, Elkhart Co., president; (not pictured) Vi Simpson, Monroe Co., 2nd vice president; Beverly Kelp, Brown Co., treasurer.

Figure 15. Indiana APWA officials and staff members for 1983-1984 include (left to right): Carl O’Neal, delegate to House of Delegates; Chris Johnson, staff member; John Farrar, president; David Ross, secretary-treasurer; and John Hardwick, board member.