PREFACE

The 72nd 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 73rd Annual Road School will be held on Tuesday, Wednesday, and Thursday, March 10-12, 1987 at Purdue University, West Lafayette, Indiana.

REGISTRATION

The official registration totaled 1050. 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>249</td>
<td>242</td>
<td>274</td>
<td>278</td>
<td>309</td>
</tr>
<tr>
<td>County Road Supervisors and Employees</td>
<td>53</td>
<td>65</td>
<td>53</td>
<td>73</td>
<td>67</td>
</tr>
<tr>
<td>County Highway Engineers and Assistants</td>
<td>45</td>
<td>45</td>
<td>40</td>
<td>44</td>
<td>41</td>
</tr>
<tr>
<td>County Surveyors and Deputies</td>
<td>49</td>
<td>45</td>
<td>49</td>
<td>44</td>
<td>53</td>
</tr>
<tr>
<td>County Commissioners</td>
<td>126</td>
<td>136</td>
<td>119</td>
<td>138</td>
<td>129</td>
</tr>
<tr>
<td>County Auditors</td>
<td>42</td>
<td>46</td>
<td>45</td>
<td>62</td>
<td>44</td>
</tr>
<tr>
<td>City Officials</td>
<td>90</td>
<td>79</td>
<td>107</td>
<td>83</td>
<td>91</td>
</tr>
<tr>
<td>Contractors, Materials and Equipment Supplies</td>
<td>29</td>
<td>93</td>
<td>52</td>
<td>39</td>
<td>75</td>
</tr>
<tr>
<td>Purdue University</td>
<td>37</td>
<td>43</td>
<td>38</td>
<td>45</td>
<td>50</td>
</tr>
<tr>
<td>Consulting Engineers</td>
<td>130</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>293</td>
<td>209</td>
<td>172</td>
<td>152</td>
<td>61</td>
</tr>
<tr>
<td>Total</td>
<td>1,013</td>
<td>1,003</td>
<td>949</td>
<td>958</td>
<td>1,050</td>
</tr>
</tbody>
</table>

COOPERATING GROUPS

The 1986-1987 official directory of the Road School cooperating groups is as follows:
OFFICIAL DIRECTORY
1986-1987 Officers

PURDUE UNIVERSITY

S. C. Beering .........................................................President
H. T. Yang .........................................................Dean, Schools of Engineering
J. F. McLaughlin ..................................Associate Dean, Schools of Engineering
H. L. Michael .....................Head, School of Civil Engineering, and Director,
                               Joint Highway Research Project
C. F. Scholar ..................Associate Professor, School of Civil Engineering
                               Director, Highway Extension and Research Project for Indiana
                               Counties and Cities

INDIANA DEPARTMENT OF HIGHWAYS

John P. Isenbarger.................................Director
Daniel A. Novreske................................................Chief Deputy Director
E. Wayne Walters ..................................................Chief Highway Engineer

Deputy Directors
Larry R. Scott........................................Highway Development
Donald W. Lucas ........................................Highway Operations
Paul L. Owens ........................................Engineering and Management Services
Daniel A. Novreske ........................................Highway Administration
Kenneth R. Hoover .........................................Toll Facilities
Richard A. Howden ........................................Field Operations

INDIANA ASSOCIATION OF
COUNTY COMMISSIONERS

Richard Larrison, St. Joseph Co. .................President
Donald K. Walton, Putnam Co. ....................Vice President
James Donahue, Madison Co. ........................Secretary-Treasurer
Jean E. Hittle, Tippecanoe Co. ....................Executive Secretary

INDIANA ASSOCIATION OF COUNTY
HIGHWAY SUPERVISORS

Jack Jarnecke, Porter Co. .........................President
Russell Lawson, Hendricks Co. ..................Vice President
Ken Harrington, Marshall Co. ...................Secretary-Treasurer

INDIANA ASSOCIATION OF
COUNTY ENGINEERS

Kenneth Traylor, Porter Co. .........................President
John Madden, LaGrange Co. .......................Vice President
Robert Richardson, St. Joseph Co. ................Secretary-Treasurer
INDIANA COUNTY SURVEYORS ASSOCIATION
Neil Conner, Clinton Co. ......................................................... President
Darwin Vanderwall, Newton Co. ........................................ Northern Vice President
Douglas K. Lechner, Johnson Co. ........................................ Central Vice President
Rollyn Blankenbeker, Clark Co. ........................................ Southern Vice President
Roger Woodfill, Dearborn Co. ............................................ Secretary-Treasurer

INDIANA STREET COMMISSIONERS ASSOCIATION
Bill Mishler, Nappanee .......................................................... President
Jack Proper, Greenfield ........................................................ 1st Vice President
Jerry Cain, Speedway City .................................................. 2nd Vice President
David Downey, West Lafayette ........................................... 3rd Vice President
Steve Mullen, Clarksville .................................................... 4th Vice President
James Harper, Crawfordsville ............................................ Secretary-Treasurer

INDIANA SECTION
INSTITUTE OF TRANSPORTATION ENGINEERS
Jon D. Fricker, West Lafayette ............................................... President
Stephen Holder, Lebanon ..................................................... Vice President
Dennis W. Cobb, Indianapolis ............................................. Secretary
Patrick Martin, Terre Haute ................................................ Treasurer
Bradley W. Yarger, Crawfordsville ...................................... Director

INDIANA COUNTY AUDITORS ASSOCIATION
Vivian Ferguson, Newton Co. ................................................ President
Margaret Tucker, Owen Co. ................................................... 1st Vice President
Helen G. Megenhardt, Clay Co. .......................................... 2nd Vice President
Ann G. DeVore, Bartholomew Co. ....................................... Treasurer
Dan D. Baftin, Morgan Co. .................................................. Secretary

INDIANA CONSTRUCTORS, INC.
Leon Beaty, Boggston .......................................................... President
Harvey Simms, Jr., Indianapolis ........................................ Executive Director

AMERICAN PUBLIC WORKS ASSOCIATION
David Ross, Ft. Wayne .......................................................... President
Gary Poore, Indianapolis ..................................................... Vice President
David Hiatt, Ft. Wayne ....................................................... Secretary-Treasurer
Patrick Stevens, Indianapolis ............................................... Director
Thomas Krissley, Ft. Wayne ................................................ Director
James M. Mandon, Munster ................................................ Director
Carl O’Neal, Ft. Wayne ........................................................ Indiana Delegate
James E. Sawyers, Indianapolis ........................................ Public Information Officer

INDIANA ASSOCIATION OF CITIES AND TOWNS
James Riehle, Lafayette ....................................................... President
Max R. Chiddister, Goshen .................................................. 1st Vice President
Michael D. Vandeveer, Evansville .................................... 2nd Vice President
Michael J. Quinn .............................................................. Executive Director
ASSOCIATION OF INDIANA COUNTIES, INC.

Von Bressler, Steuben Co. ......................................................... President
Alyce J. Byrd, LaPorte Co. ......................................................... Vice President
Becky Skillman, LaPorte Co. ......................................................... Vice President
Peter J. Bisbis, Newton Co. ......................................................... Vice President
Richard G. Galambos, Lake Co. .................................................. Treasurer
Richard J. Cockrum ................................................................. Executive Director
Figure 1. Road School Planners. Members of the Road School Planning Committee are from the Indiana Department of Highways, Purdue and Indiana associations concerned with highways and streets. The planning meeting marked the end of one era and the beginning of a new one. Professors Michael and Goetz retired as Road School co-chairmen and were replaced by Professor Sinha (lower right corner) and Professor Schoier (second row from the top and second from the left).

Figure 2. Tuesday morning general session speakers (left to right): R. D. Miles, Purdue; John P. Isenbarger, director, IDOH; L. A. Hoel, Hamilton Professor of Civil Engineering, University of Virginia, Charlottesville and chairman, Transportation Research Board, Washington, D.C.; and Richard D. Morgan, executive director, FHWA, Washington, D.C.
Figure 3. Wednesday morning general session speakers (left to right): John D. N. Riverson, Purdue; James McKinney, chairman, Department of Civil Engineering, Rose-Hulman Institute of Technology, Terre Haute; James H. Kell, Chairman of the Board, JHK & Associates, San Francisco, CA and president, Institute of Transportation Engineers, Washington, D.C.; Stephen Daily, mayor of Kokomo; Robert M. Shanteau, IDOH; George B. Way, pavement management engineer, Arizona Department of Transportation, Phoenix, AZ.

Figure 4. Thursday morning general session speakers (left to right): Linley E. Pearson, attorney general, state of Indiana; Charles J. Van Arsdale, president, Insurance Institute of Indiana, Inc.; Marshall Reed, Highway Users Federation, Washington, D.C.; Thomas Bredeweg, legislative director, Indiana Association of Cities and Towns; Rick Cockrum, executive director, Association of Indiana Counties; Richard DeMars, president, Geupel & DeMars, Inc., and chairman, Governor's Highway Efficiency Task Force, Indianapolis; and Paul L. Owens, IDOH.
Figure 5. Three officers of the Indiana Association of County Engineers include (left to right): John Madden, vice president; Kenneth Taylor, president; and Robert Richardson, secretary-treasurer.

Figure 6. Three officers of the Indiana County Auditors Association include (left to right): Margaret Tucker, Owen Co.; Anne DeVore, Bartholomew Co.; and Dan Bastin, Morgan Co.
Figure 7. Officers of the Indiana County Surveyors Association include (left to right): Douglas K. Lechner, vice president, Johnson Co.; Roger Woodfill, secretary-treasurer, Dearborn Co.; Larry C. Fisher, vice president, Parke Co.; Neil Conner, president, Clinton Co.; Rollyn Blankenbeker, vice president, Clark Co.

Figure 8. Officers of the Indiana Association of County Commissioners include (left to right): Don K. Walton, vice president, Putnam Co.; Richard Larrison, president, St. Joseph Co.; Ellsworth Biesecker, vice president, Clinton Co.; and Jim Donahue, secretary-treasurer, Madison Co.
Figure 9. Officers of the Indiana Street Commissioners Association include (left to right): Jim Harper, secretary, Crawfordsville; Bill Mishler, president, Nappanee; Jack Proper, 1st vice president, Greenfield; Gary Cain, 2nd vice president, Speedway; David Downey, 3rd vice president, West Lafayette; Steve Mullen, 4th vice president, Clarksville.

Figure 10. ITE officers, 1986 (left to right): Stephan Holder, vice president; John Fricker, president; Dennis Cobb, secretary; Bradley Yarger, director. Not shown: J. William Strange, past president and Patrick Martin, treasurer.
Figure 11. Individuals participating in a county commissioners panel discussion on County Building Permits and Inspection included the following: Back left: Ellsworth Biesecker, Clinton Co. Back right: David Bills, director, Division of Technical Services and Research, Indiana Department of Fire Protection. Front (left to right): John Walborn, director, Allen Co. Building Commission, Fort Wayne; Alvin Werner, director, Dearborn Co. Building Commission; and Arlie Dailey, director, Tippecanoe Co. Building Commission.

Figure 12. The Indiana Department of Highway's 1985 Pavement Smoothness Award is presented by W. J. Ritman (right), chief, Division of Construction during the 1986 Purdue Road School. In the category of bituminous resurfacing, Brooks Construction Co. took the honors. Accepting for Brooks are Larry Mock (center), division superintendent and Jeff Bender (left), paving foreman. The winning project was the resurfacing of US 31, 9.2 miles in length, from SR 18, north to County Road 300S in Miami County.
Figure 13. A certificate of merit was presented to Michael Dyar (left), project supervisor from the Fort Wayne District, for his contribution to the outstanding quality of work on the bituminous resurfacing project done by Brooks Construction Co. The presentation was made at the 1986 Purdue Road School during the opening general session by W. J. Ritman, chief, Division of Construction, IDOH.