PREFACE

The 73rd 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 74th Annual Road School will be held on Tuesday, Wednesday, and Thursday, March 8-10, 1988 at Purdue University, West Lafayette, Indiana.

REGISTRATION

The official registration totaled 1004. The following tabulation shows the classified Road School registrations over the past years.

Classified Road School Registrations

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</thead>
<tbody>
<tr>
<td>State Highway Personnel</td>
<td>242</td>
<td>274</td>
<td>278</td>
<td>309</td>
<td>320</td>
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<tr>
<td>County Road Supervisors and Employees</td>
<td>65</td>
<td>53</td>
<td>73</td>
<td>67</td>
<td>79</td>
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<tr>
<td>County Highway Engineers and Assistants</td>
<td>45</td>
<td>40</td>
<td>44</td>
<td>41</td>
<td>43</td>
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<tr>
<td>County Surveyors and Deputies</td>
<td>45</td>
<td>49</td>
<td>44</td>
<td>53</td>
<td>45</td>
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<tr>
<td>County Commissioners</td>
<td>136</td>
<td>119</td>
<td>138</td>
<td>129</td>
<td>128</td>
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<tr>
<td>County Auditors</td>
<td>46</td>
<td>45</td>
<td>62</td>
<td>44</td>
<td>47</td>
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<tr>
<td>City Officials</td>
<td>79</td>
<td>107</td>
<td>83</td>
<td>91</td>
<td>89</td>
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<tr>
<td>Contractors, Materials and Equipment Supplies</td>
<td>93</td>
<td>52</td>
<td>39</td>
<td>75</td>
<td>56</td>
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<tr>
<td>Purdue University</td>
<td>43</td>
<td>38</td>
<td>45</td>
<td>50</td>
<td>44</td>
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<tr>
<td>Consulting Engineers</td>
<td></td>
<td></td>
<td></td>
<td>130</td>
<td>115</td>
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<tr>
<td>Miscellaneous</td>
<td>209</td>
<td>172</td>
<td>152</td>
<td>61</td>
<td>38</td>
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<tr>
<td>Total</td>
<td>1,003</td>
<td>949</td>
<td>958</td>
<td>1,050</td>
<td>1,004</td>
</tr>
</tbody>
</table>

COOPERATING GROUPS

The 1987-1988 official directory of the Road School cooperating groups is as follows:
OFFICIAL DIRECTORY
1987-1988 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. Scholer ........ 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
Donald W. Lucas ........................................... 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

Donald K. Walton, Putnam Co. .................... President
James Donahue, Madison Co. ................. Vice President
Edward Sieg, Harrison Co. ....................... Secretary
James Mock, Miami Co. ......................... Treasurer
Donald F. Michael ......................... Executive Secretary

INDIANA ASSOCIATION OF
COUNTY HIGHWAY SUPERVISORS

Russell Lawson, Hendricks Co. .................... President
Ken Harrington, Marshall Co. ................. Vice President
Clyde Snodgrass, Parke Co. ............... Secretary-Treasurer

INDIANA ASSOCIATION OF
COUNTY ENGINEERS

Kenneth Traylor, Kosciusko Co. .................... President
VACANT ........................................... Vice President
Robert Richardson, St. Joseph Co. ............ Secretary-Treasurer
INDIANA COUNTY SURVEYORS ASSOCIATION
Doug Lechner, Johnson Co. ................................. President
Larry Fisher, Marshall Co. ................................. Northern Vice President
Carl Raquet, Howard Co. ................................. Central Vice President
Rollyn Blankenbaker, Clark Co. ........................ Southern Vice President
Roger Woodfill, Dearborn Co. ............................ Secretary-Treasurer

INDIANA STREET COMMISSIONERS ASSOCIATION
Jack Proper, Greenfield ................................. President
Gary Cain, Speedway City ................................. 1st Vice President
Dave Downey, W. Lafayette ............................. 2nd Vice President
Tony Shanks, Marion ................................. 3rd Vice President
Steve Wild, Mt. Vernon ................................. 4th Vice President
Bill Mishler, Nappanee ................................. Secretary-Treasurer

INDIANA SECTION
INSTITUTE OF TRANSPORTATION ENGINEERS
Stephen Holder, Lebanon ................................. President
Dennis W. Cobb, Indianapolis .......................... Vice President
Bill Wiedelman, Indianapolis .......................... Treasurer
Ron Greiwe, Indianapolis .............................. Secretary
Tom Ford, Indianapolis ................................. Director

INDIANA COUNTY AUDITORS ASSOCIATION
Margaret Tucker, Owen Co. ................................. President
Harold L. Smith, Miami Co. ............................. 1st Vice President
Mary B. Haas, Marshall Co. ........................... 2nd Vice President
Roger Fisher, Parke Co. ................................. Treasurer
Edward Koerner, Jackson Co. .......................... Secretary

INDIANA CONSTRUCTORS, INC.
George Hughes, Jr., Louisville, KY ........................ President
Harvey Simms, Jr., Indianapolis ........................ Executive Director

AMERICAN PUBLIC WORKS ASSOCIATION, INDIANA CHAPTER
Gary Poore, Indianapolis ................................. President
David Hiatt, Ft. Wayne ................................. Vice President
Carl O'Neal, Ft. Wayne ................................. Indiana Delegate

INDIANA ASSOCIATION OF CITIES AND TOWNS
Charles Glaub, Plymouth ................................. President
Sonya Margerum, W. Lafayette ........................ 1st Vice President
Ann Garoffolo, Lebanon ................................. 2nd Vice President
Michael J. Quinn ................................. Executive Director
ASSOCIATION OF INDIANA COUNTIES, INC.

Alyce J. Byrd, LaPorte Co. .................................................. President
Becky Skillman, Lawrence Co. ............................................ Vice President
Richard G. Galambos, Lake Co. ........................................ Vice President
Peter J. Bisbis, Newton Co. .............................................. Vice President
Stephen Sharp, Floyd Co. ................................................ Secretary
Richard J. Cockrum ...................................................... Executive Director
Figure 1. Road School planners from the IDOH, Purdue’s Civil Engineering School, county and city road and street departments, constructors, and materials suppliers meet several months before Road School to develop the Road School program.

Figure 2. Wednesday general session speakers (left to right): Damian J. Kulash, executive director, National Research Council, Strategic Highway Research Program, Washington, D.C.; Paul Owens, deputy director, Engineering & Management Services, IDOH, presiding; Paul Hoffman, Bridge Engineer, Indiana Division Office, Federal Highway Administration; Harold L. Michael, head, School of Civil Engineering; director, Joint Highway Research Project; Barry Partridge, division chief, Research and Training, Indiana Department of Highways; Walter H. Kraft, Edwards & Kelcey, Inc., New Jersey; president, Institute of Transportation Engineers.
Figure 3. Thursday general session speakers (left to right): Douglas Hardwood, principal traffic engineer, Midwest Research Institute, Kansas City; Bruce Frost, environmental manager—working group leader, Emergency Response Branch, Indiana Department of Environmental Management; James P. Foley and Michael J. Doherty, research associates, Institute for Interdisciplinary Engineering Studies; Leonard Wood, professor of civil engineering, Purdue University, presiding; John P. Isenbarger, director, IDOH, also spoke but is not pictured above.