Preface

The 59th Annual Purdue Road School was well attended by members of all cooperating groups. The efforts of all who gave freely of their time towards the success of this venture is gratefully acknowledged.

The 60th Annual Road School will be held March 4-6, 1974, Monday to Wednesday noon.

REGISTRATION

The official registration totaled 1,183. The following tabulation shows the classified Road School registrations over the past five years.

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<tbody>
<tr>
<td>State Highway Personnel</td>
<td>319</td>
<td>340</td>
<td>360</td>
<td>394</td>
<td>414</td>
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<tr>
<td>County Road Supervisor and Employees</td>
<td>66</td>
<td>71</td>
<td>78</td>
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<td>73</td>
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<tr>
<td>County Highway Engineers</td>
<td>32</td>
<td>33</td>
<td>38</td>
<td>35</td>
<td>42</td>
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<tr>
<td>and Assistants</td>
<td></td>
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<tr>
<td>County Surveyors and Deputies</td>
<td>48</td>
<td>44</td>
<td>49</td>
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<td>County Commissioners</td>
<td>195</td>
<td>170</td>
<td>156</td>
<td>158</td>
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<tr>
<td>County Auditors</td>
<td>29</td>
<td>43</td>
<td>49</td>
<td>46</td>
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<tr>
<td>City Officials</td>
<td>102</td>
<td>102</td>
<td>85</td>
<td>115</td>
<td>118</td>
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<tr>
<td>Contractors, Materials and Equipment</td>
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<td>Suppliers</td>
<td>134</td>
<td>170</td>
<td>153</td>
<td>129</td>
<td>119</td>
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<td>Engineering Consultants</td>
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<td>59</td>
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<tr>
<td>Miscellaneous</td>
<td>171</td>
<td>210</td>
<td>183</td>
<td>109</td>
<td>118</td>
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<tr>
<td>Total</td>
<td>1,076</td>
<td>1,183</td>
<td>1,151</td>
<td>1,160</td>
<td>1,183</td>
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COOPERATING GROUPS

The 1973-1974 official directory of the Road School cooperating groups is as follows:

OFFICIAL DIRECTORY

<table>
<thead>
<tr>
<th>1973-1974 Officers</th>
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</thead>
<tbody>
<tr>
<td>Purdue University</td>
</tr>
<tr>
<td>A. G. Hansen</td>
</tr>
<tr>
<td>J. C. Hancock</td>
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<tr>
<td>R. A. Greenkorn</td>
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<tr>
<td>M. B. Scott</td>
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<tr>
<td>J. F. McLaughlin</td>
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<tr>
<td>H. L. Michael</td>
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<tr>
<td>W. H. Goetz</td>
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</tbody>
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President
Dean, Schools of Engineering and Director, Engineering Experiment Station
Assistant Dean, Schools of Engineering and Associate Director, Engineering Experiment Station
Associate Dean, Schools of Engineering
Head, School of Civil Engineering
Professor of Highway Engineering and Associate Director, Joint Highway Research Project
Assistant Head, School of Civil Engineering and Director, Highway Extension and Research Project for Indiana Counties
Indiana Association of County Commissioners
Edward R. Green, Marion, Grant Co. ...................................................President
Henry O. Oetting—Adams Co. ............................................................Vice President
Robert Daily, Howard Co. ............................................................Secretary-Treasurer
Tom Bell, Knox, Starke Co. ............................................................Executive Secretary

Indiana Association of County Highway Supervisors
Roger Swanson, Twelve Mile, Cass Co. ................................................President
Julian Benner, Wayne Co. ..........................................................Vice President
Clarence Stover, Miami Co. ........................................................Secretary-Treasurer

Indiana Association of County Engineers
William L. Altherr, Monticello, White Co. ...............................................President
Harley M. Sargent, Elkhart Co. ........................................................Vice President
Stanley Hiatt, Delaware Co. ........................................................Secretary-Treasurer

Indiana County Surveyors Association
William Tanke, Porter Co. ..........................................................President
Charles Brower, Kosciusko Co. ........................................................Vice President
Lawrence Trueblood, Wash. Co. ....................................................Vice President
William L. Sweet, Fort Wayne, Allen Co. ..........................................Treasurer

Indiana City Engineers Association
Edgar Humbarger, Washington ...........................................................President
Thomas Conley, Hammond ........................................................Vice President
John Harwick, Valparaiso ............................................................Secretary-Treasurer

Indiana Street Commissioners Association
Homer Rose, Kendallville .............................................................President
Walter Rassel, Garrett ..............................................................1st Vice President
Elmer Toschlog, Richmond .........................................................2nd Vice President
Oral Baker, Washington .............................................................3rd Vice President
Donald Decker, South Bend .........................................................4th Vice President
Charles H. Keller, Madison ........................................................Secretary-Treasurer

Indiana Section—Institute of Traffic Engineers
Frank Donaldson, Indianapolis ..........................................................President
T. C. Pitman, Indianapolis ........................................................Vice President
Paul Newville, Carmel ...............................................................Secretary
Gilbert Satterly, Lafayette ..........................................................Treasurer
Clem Hazinski, South Bend ..........................................................Director

Indiana County Auditors Association
Paul Smith, Carrol Co. .............................................................President
Donald Miller, Posey Co. ........................................................Vice President
Mary Jane Weathers, Hendricks, Co. ...........................................Vice President
Jeanette O'Connell, Hartford City, Blackford Co. ......................Secretary-Treasurer
Indiana Highway Constructors, Inc.

Carl Ingwalson, Goshen...............................................................President
William R. Davis, Lafayette......................................................Treasurer
Vernon Mann, Indianapolis......................................................Secretary
James G. Newland, Indianapolis..............................................Executive Secretary

Fig. 1. KEYNOTE PURDUE ROAD SCHOOL—Richard A. Boehning, left, Lafayette, chairman of the Indiana State Highway Commission, warned against the diversion of highway funds for mass transit in his keynote address Wednesday at the opening of the 59th annual Purdue Road School. Others appearing on the program, from the left, are Prof. M. B. Scott, associate dean, Schools of Engineering, who presided; R. H. Harrell, Seymour, executive director, ISHC; and Nelson Steinkamp, Batesville, chief engineer, ISHC.

Fig. 2. ROAD SCHOOL HEADLINERS—Wednesday dealt with state highway reports and highway research at Purdue. Presenting reports were, from the left, Harold L. Michael, who spoke on characteristics of high accident drivers; E. J. Yoder, on design and performance of reinforced concrete pavement; M. B. Scott, who presided at the session; and Leonard E. Wood, on building embankments with shales.
Fig. 3. SAFE HIGHWAYS URGED—Speakers discussed fail-safe highway structures, better directional signs, and more control of access at interchanges as important factors in highway safety. Shown, from the left, are F. J. Tamanini, chief of structures and applied mechanics division, Federal Highway Administration, Washington, D.C.; Prof. Gilbert Satterly, research engineer at Purdue; Prof. Harold L. Michael, co-chairman of Road School; and Gerson J. Alexander, chief of human factors branch, Federal Highway Administration.

Fig. 4. WHO GETS THE HIGHWAY DOLLAR—Financing transportation needs was the theme for the last general session. Speakers urged that Congress get on with the task of completing the Interstate System and then let the states meet more of their local problems, such as mass transit. Shown from the left are William R. McGrath, Yorktown Heights, N.Y., national president of the Institute of Traffic Engineers; Congressman Roger H. Zion, Evansville; Prof. William H. Goetz, co-chairman of the Road School; and Gerald D. Love, Homewood, Illinois, Regional Federal Highway Administrator. Also appearing on the program, but not shown, was Stephen Ferguson, Bloomington, chairman of the committee on roads and transportation, Indiana House of Representatives.
Fig. 5. COUNTY COMMISSIONERS ELECT—Officers elected by the Indiana Association of County Commissioners included, from the left, Robert Daily (Howard County) Kokomo, secretary-treasurer; Tom Bell, Knox, executive secretary; Edward R. Green (Grant County) Marion, re-elected president; and Henry O. Oetting (Adams County) Decatur, vice president.

Fig. 6. COUNTY SUPERVISORS ELECT—Officers elected by the Indiana Association of County Highway Supervisors were, from the left, Clarence Stover (Miami County) Peru; secretary-treasurer; Roger Swan-son (Cass County) Logansport, president; and Julian Benner (Wayne County) Richmond, vice president.
Fig. 7. COUNTY ENGINEERS ELECT—Named as new officers of the Indiana Association of County Engineers were, left to right, Harley M. Sargent (Elkhart County) Goshen, vice president, and William L. Altherr (White County) Monticello, president. Not shown is Stanley Hiatt (Delaware County) Muncie, who is the new secretary-treasurer.

Fig. 8. SURVEYORS ELECT OFFICERS—New officers elected by the Indiana County Surveyors Association last week included, from the left, Lawrence Trueblood (Washington County) Salem, second vice president; William Sweet (Allen County) Fort Wayne, secretary-treasurer; Charles Brower (Kosciusko County) Warsaw, first vice president; and William Tanke (Porter County) Valparaiso, president.
Fig. 9. CITY ENGINEERS NAMED—The Indiana City Engineers Association was one of the groups naming new officers. Shown from the left are John Hardwick, Valparaiso, secretary-treasurer; Edgar Humbarger, Washington, president; and Thomas Conley, Hammond, vice president.

Fig. 10. STREET COMMISSIONERS ELECT—New officers elected by the Indiana Street Commissioners Association included, from the left, Elmer Toschlog, Richmond, second vice president; Walter Rassel, Garrett, first vice president; Charles H. Keller, Madison, re-elected secretary-treasurer; Homer C. Rose, Auburn, re-elected president; Oral Baker, Washington, third vice president; and Donald Decker, South Bend, fourth vice president.
Fig. 11. TRAFFIC ENGINEER OFFICERS—Among the groups cooperating in sponsoring the 59th annual Purdue Road School was the Indiana section of the Institute of Traffic Engineers. Current officers shown at one of their sessions included, from the left, Frank Donaldson, Indianapolis, president; Gilbert Satterly, Lafayette, treasurer; and Thomas C. Pitman, Indianapolis, vice president. Officers not shown include Paul Newville, Carmel, secretary, and Clem Hazinski, South Bend, director.

Fig. 12. COUNTY AUDITORS MEET—The Indiana County Auditors Association was one of the cooperating groups meeting in conjunction with the 59th annual Purdue Road School. Officers, elected at an earlier meeting, include, left to right, Paul E. Smith (Carroll County) Delphi, president, and Donald F. Miller (Posey County) Mt. Vernon, vice president. Officers not shown include Mary Jane Weathers (Hendricks County) another vice president, and Jeannette O’Connell (Blackford County) secretary-treasurer.
Fig. 13. CITED FOR SMOOTH PAVEMENTS—Three highway contractors were cited for their work in building smooth roads in Indiana during 1972 by the Indiana State Highway Commission. From the left, Norman Langston, ISHC project engineer and Dowell Ifer, general superintendent, Lica Construction Corp., Linn Grove, Ind., for the best job of bituminous resurfacing, on US 27 near Portland; William Campbell, ISHC project engineer, and Gus Sieboldt, vice president, Ralph Rogers & Co., Inc., Bloomington, for the best flexible pavement, on US 41 north of Oaktown; Larry Koebcke, ISHC project engineer, and Sam Carman, vice president, Denton Construction Co., Poseyville, for the smoothest rigid, or concrete, pavement, on Interstate 94 one mile south of Michigan City. Nelson W. Steinkamp, extreme right, Batesville, chief engineer, ISHC, presented the awards and explained that more than 1,073 miles of new Hoosier roads were checked by roughometer and profilograph in determining the awards, which are presented annually by the highway department.