Preface

The 66th Annual Purdue 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 67th Annual Road School will be held on Tuesday, Wednesday, and Thursday, March 10-12, 1981, at Purdue University, West Lafayette, Indiana.

REGISTRATION

The official registration totaled 1,047. The following tabulation shows the classified Road School registrations over the past five years.

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<tr>
<td>State Highway Personnel</td>
<td>373</td>
<td>378</td>
<td>343</td>
<td>322</td>
<td>305</td>
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<tr>
<td>County Road Supervisors and Employees</td>
<td>68</td>
<td>82</td>
<td>60</td>
<td>71</td>
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<td>County Highway Engineers and Assistants</td>
<td>59</td>
<td>41</td>
<td>41</td>
<td>52</td>
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<td>County Surveyors and Deputies</td>
<td>55</td>
<td>39</td>
<td>27</td>
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<td>County Commissioners</td>
<td>132</td>
<td>144</td>
<td>101</td>
<td>163</td>
<td>133</td>
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<td>County Auditors</td>
<td>44</td>
<td>37</td>
<td>37</td>
<td>36</td>
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<td>City Officials</td>
<td>132</td>
<td>124</td>
<td>72</td>
<td>87</td>
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<td>Contractors, Materials and Equipment Supplies</td>
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<td>218</td>
<td>206</td>
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<td>Engineering Consultants</td>
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<td>66</td>
<td>77</td>
<td>71</td>
<td>84</td>
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<td>Miscellaneous</td>
<td>107</td>
<td>110</td>
<td>69</td>
<td>92</td>
<td>82</td>
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<tr>
<td>Total</td>
<td>1,272</td>
<td>1,239</td>
<td>1,033</td>
<td>1,123</td>
<td>1,047</td>
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COOPERATING GROUPS

The 1980-1981 official directory of the Road School cooperating groups is as follows:
OFFICIAL DIRECTORY
1980-1981 Officers

PURDUE UNIVERSITY
A. G. Hansen ................................................................. President
J. C. Hancock ............................................................. Dean, Schools of Engineering
R. Eugene Goodson ....................... 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
M. J. Gutzwiller ....................................................... Assistant Head for Instruction
                             School of Civil Engineering

INDIANA STATE HIGHWAY COMMISSION
Donald C. Pratt, Rockville ........................................................ Chairman
James F. Dumas, Fort Wayne ................................................... Vice Chairman
Kermit Gregory, Rising Sun ...................................................... Member
Harold O. McCutchan, Evansville ........................................ Member
Jack N. Smitherman, Mooresville .................................... Secretary to Commission
Henry P. Wehrenberg, Fort Wayne ................................... Executive Director
G. K. Hallock ...................................................... Chief Highway Engineer
K. R. Hoover .................................................. Deputy Chief Highway Engineer
D. W. Lucas .................................................. Assistant Chief Engineer — Operations
W. H. Frick .................................................. Assistant Chief Engineer — Development
R. L. Eskew ........................................... Assistant Chief Engineer — Research and Engineering Services
W. T. May ........................................... Assistant Chief Engineer — Administration

INDIANA ASSOCIATION OF
COUNTY COMMISSIONERS
Warren Henegar, Monroe County ........................................ President
Arnold Dougherty, Wayne County .................................... Vice President
Pat Quinn, Laporte County ........................................... Secretary-Treasurer
Tom Bell, Starke County ................................................ Executive Secretary

INDIANA ASSOCIATION OF
COUNTY HIGHWAY SUPERVISORS
DeWayne Beer, Adams County ........................................ President
Gene Shurte, LaPorte County ........................................... Vice President
Gene Brewer, Wabash County ........................................ Secretary-Treasurer
INDIANA ASSOCIATION OF
COUNTY ENGINEERS
David South, Fountain County ............................................ President
David Goodwin, Marshall County ........................................... Vice President
Jim Kane, Warren County .................................................. Secretary-Treasurer

INDIANA COUNTY SURVEYORS ASSOCIATION
Jack Irwin, Marion County .................................................. President
Kenton Ward, Hamilton County ........................................... Vice President
Leslie Weber, Noble County ............................................... Vice President
John McNamara, Saint Joseph County ............................... Secretary-Treasurer

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

INDIANA STREET COMMISSIONERS ASSOCIATION
Jerry Haynes, Richmond .................................................... Acting President
Jim Harper, Crawfordsville ................................................ First Vice President
Joe Hackley, Laporte ..................................................... Second Vice President
Al Reece, Beech Grove .................................................. Third Vice President
William Steele, Seymour ................................................ Fourth Vice President
Charles H. Keller, Madison .............................................. Secretary-Treasurer

INDIANA SECTION
INSTITUTE OF TRANSPORTATION ENGINEERS
Tom Manny, Fort Wayne .................................................. President
Robert Cales, Indianapolis ............................................... Vice President
Chip Lang, Indianapolis ................................................ Treasurer
Tom Prewitt, Kokomo ................................................ Secretary
Herb Haneline, Fort Wayne ................................................ Director

INDIANA COUNTY AUDITORS ASSOCIATION
Jean Northenor, Kosciusko County ...................................... President
Naomi Jackson, Bartholomew County ............................... 1st Vice President
Charles Miller, Elkhart County ........................................ 2nd Vice President
Sherry K. Waters, LaPorte County ................................. Secretary-Treasurer

INDIANA CONSTRUCTORS, INC.
Robert Winslow, Salem .................................................. President
C. W. (Wes) Kemp, Terre Haute ....................................... Vice President
Terry Smith, Peru ...................................................... 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 State Highway Commission, Purdue, and various Indiana associations concerned with highways.

Lower left corner: H. L. Michael, Road School Co-chairman, Purdue; bottom row, left to right: Dave South, County Engineer; Chuck Scholer, Purdue; Bill Hancock, ISHC; C. W. Kemp, Wabash Valley Asphalt Co.; second row; Gus Gutzwiler, Purdue; Max Hunter, ISHC; Wayne Walters, ISHC; Bob Eskew, ISHC; Bill Goetz, Road School Co-chairman, Purdue; third row: Joe Sudol, ISHC; John McEntyre, Purdue; Jack McDonald, Indiana Constructions Inc.; Gary Kent, County Surveyors; Don Shurig, Purdue; fourth row: Art Graham, Construction Digest; Eldy Yoder, Purdue; Gil Satterly, Purdue; Bob Cales, ISHC; Jerry Haynes, Street Commissioners; fifth row: Len Wood, Purdue; Walter Schultenburg, County Commissioners; Don Hancher, Purdue; Jack McLaughlin, Purdue; Jean Hittle, Purdue; sixth row: DeWayne Beer, County Supervisors and Marion Scott, Purdue.
Figure 2. Tuesday general session speakers were (left to right): Henry Wehrenberg, director ISHC, and Donald C. Pratt, chairman ISHC "State Highway, Past, Present, and Future;" Joseph Sudol, research engineer, ISHC Research and Training Center, "Pothole Patching;" Eldon J. Yoder, research engineer, Purdue "Truck Size and Weight Issues;" Wallace West, equipment specifications supervisor, ISHC, "Innovation of Equipment vs. Snow and Ice Control;" Harold L. Michael, director, Joint Highway Research Project, Purdue "Summary of Selected Research at Purdue University in 1979;" Gene K. Hallock, chief highway engineer, ISHC, presiding.

Figure 3. Wednesday general session speakers (left to right): Peter J. Kottnow, president, Highway Users Federation for Safety and Mobility, "Pennies, Potholes, and Politics;" James O'Day, research scientist, Highway Safety Research Institute, University of Michigan, "Bigger Trucks and Smaller Cars;" Arthur E. Graham, executive vice president, Indiana Highways for Survival, Inc., "The Debasement of Rural America;" Harvey Shabesta, district director, Department of Transportation, State of Wisconsin, "Transportation in the Final 20/20;" Robert D. Miles, professor of highway engineering, Purdue, presiding.

Figure 5. Indiana Association of County Engineers officers for 1980-1981 include (left to right) David Goodwin, Marshall County, vice president; David South, Fountain County, president; and Jim Kane, Warren County, secretary-treasurer.
Figure 6. County Highway Supervisors Association for 1980-1981 include (left to right). Eugene Shurte, Laporte County, vice president; DeWayne Beer, Adams County, president; and Gene Brewer, Wabash County, secretary-treasurer.

Figure 7. Indiana County Surveyors, Association officers for 1980-1981 include (left to right). Leslie Weber, Noble County, vice president; John McNamara, St. Joseph County, secretary-treasurer; Jack Irwin, Marion County, president; and Kenton Ward, Hamilton County, vice president.

Figure 8. Indiana Association of County Commissioners for 1980-1981 include (left to right). Pat Quinn, LaPorte County, secretary-treasurer; Arnold Dougherty, Wayne County, vice president; and Warren Hanegar, Monroe County, president.
Figure 9. Indiana City Engineers Association and APWA officers for 1980-1981 include (left to right) John Farrar, Indianapolis, Indiana delegate APWA; Maurice E. Callahan, Lafayette, City Engineers, director; Harold E. Smith, Anderson, City Engineers, vice president; Lawrence R. Lambert, Kokomo, City Engineers, secretary-treasurer and director, APWA; Philip C. Grounds, Vincennes, City Engineers, president; and Carl E. O'Neal, Fort Wayne, president, APWA.

Figure 10. Indiana Section—Institute of Traffic Engineers for 1980-1981 include (left to right) Chip Lang, Indianapolis, treasurer; Mike Waught, Indianapolis, past president; Robert Cales, Indianapolis, vice-president; and Tom Manny, Fort Wayne, president.
Figure 11. Indiana Street Commissioners for 1980-1981 include (left to right) Jerry Haynes, Richmond, president; Jim Harper, Crawfordsville, first vice-president; Joe Hackley, Laporte, second vice-president; Al Reece, Beech Grove, third vice-president; William Steele, Seymour, fourth vice-president; and Charles Keller, Madison, secretary-treasurer.

Figure 12. Indiana County Auditors Association for 1980-1981 include (left to right) Sherry K. Waters, Laporte County, secretary-treasurer; Naomi Jackson, Bartholomew County, first vice-president; Charles H. Miller, Elkhart County, second vice-president; and Jean Northenor, Kosciusko County, president, (not shown).
Figure 13. Taking a break from the opening day Road School program, the Indiana State Highway Commission’s safety award winners paused to display the plaques their individual units earned in 1979. Crawfordsville District Engineer Kelsey McDaniel (center) accepted his district’s award from ISHC Executive Director Henry P. Wehrenberg (second from right), while Terre Haute subdistrict superintendent Oscar Monce did likewise for his employees. Joining them were Robert McClure (left), Crawfordsville safety director, and Richard Hedges, Commission safety director. Safety awards are based on the number of accidents per man-hour worked during the year. This year’s awards were somewhat special in that the subdistrict and district winners were both from the same district.

Figure 14. Indiana State Highway Commission’s Chief of Construction, William J. Ritman (left), presented Pavement Smoothness Award certificates of merit to two construction companies and their highway job supervisors during the opening day session of the 1980 Road School. Honored for bituminous resurfacing work was the Seneca Petroleum Company, represented by Del Hosteller (second from left). Next to Hosteller is Charles Tate, highway project supervisor on that job, from the LaPorte District. The flexible pavement category was won by L. P. Cavett Company, represented by E. P. Stradley (second from right). Highway project engineer on this job, Greg Head (right), also was honored. Testing for the awards was done by the Indiana State Highway Commission’s Research and Training Center staff, using a PCA Roadmeter.