PREFACE

The 65th 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 66th Annual Road School will be held on Tuesday, Wednesday, and Thursday, March 11-13, 1980, at Purdue University, West Lafayette, Indiana.

REGISTRATION

The official registration totaled 1,123. 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>357</td>
<td>373</td>
<td>378</td>
<td>343</td>
<td>322</td>
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<tr>
<td>County Road Supervisors and Employees</td>
<td>60</td>
<td>68</td>
<td>82</td>
<td>60</td>
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<td>County Highway Engineers and Assistants</td>
<td>41</td>
<td>59</td>
<td>41</td>
<td>41</td>
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<tr>
<td>County Surveyors and Deputies</td>
<td>39</td>
<td>55</td>
<td>39</td>
<td>27</td>
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<tr>
<td>County Commissioners</td>
<td>156</td>
<td>132</td>
<td>144</td>
<td>101</td>
<td>163</td>
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<tr>
<td>County Auditors</td>
<td>40</td>
<td>44</td>
<td>37</td>
<td>37</td>
<td>36</td>
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<tr>
<td>City Officials</td>
<td>80</td>
<td>132</td>
<td>124</td>
<td>72</td>
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<td>Contractors, Materials and Equipment Suppliers</td>
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<td>219</td>
<td>218</td>
<td>206</td>
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<td>Engineering Consultants</td>
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<td>83</td>
<td>66</td>
<td>77</td>
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<td>Miscellaneous</td>
<td>95</td>
<td>107</td>
<td>110</td>
<td>69</td>
<td>92</td>
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<tr>
<td>Total</td>
<td>1,067</td>
<td>1,272</td>
<td>1,239</td>
<td>1,033</td>
<td>1,123</td>
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COOPERATING GROUPS

The 1979-1980 official directory of the Road School cooperating groups is as follows:
OFFICIAL DIRECTORY
1979-1980 Officers

PURDUE UNIVERSITY
A. G. Hansen ........................................................................................................President
J. C. Hancock ....................................................................Dean, Schools of Engineering
R. A. Greenkorn ..........................................................Associate Dean, Schools of Engineering, and
Director, Engineering Experiment Station
J. F. McLaughlin ..........................................................Assistant 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
Roger F. Marsh, Kokomo ..........................................................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
Joseph Haskins, Daviess County ..........................................................President
Walter Schulenburg, Tipton County ..........................................................Vice President
Arnold Dougherty, Wayne County ..........................................................Secretary-Treasurer
Tom Bell, Starke County ..........................................................Executive Secretary

INDIANA ASSOCIATION OF COUNTY HIGHWAY SUPERVISORS
Verland Christopher, Jasper County ..........................................................President
DeWayne Beer, Adams County ..........................................................Vice President
Gene Shurte, Laporte County ..........................................................Secretary-Treasurer
INDIANA ASSOCIATION OF COUNTY ENGINEERS
David South, Fountain County.........................................................President
Dan Ruth, Tippecanoe County.........................................................Vice President
David Goodwin, Marshall 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...............................................................Secretary-Treasurer
John Hardwick, Valparaiso..............................................................Director

INDIANA STREET COMMISSIONERS ASSOCIATION
James Dillard, Anderson.................................................................President
Americo Brioli, Mishawaka.............................................................First Vice President
Jerry Haynes, Richmond.................................................................Second Vice President
Al Reece, Beach Grove.................................................................Third Vice President
William Steek, Seymour...............................................................Fourth Vice President
Charles 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.
Warren Bartlett, Bloomfield............................................................President
Robert Winslow, Salem.................................................................Vice President
Robert Browning, Indianapolis......................................................Secretary-Treasurer
James Newland, Indianapolis........................................................Executive Secretary
Figure 1. Topics for general and technical sessions for the 65th Annual Purdue Road School at the West Lafayette campus were reviewed during a December 9 meeting of the planning committee. Profs. William H. Goetz and Harold L. Michael, co-chairman of the Road School, conducted the planning committee conference, attended by some 25 representatives of the Indiana State Highway Commission, local road and street agencies
and associations and industry groups. Among those participating (l. to r.):
Bottom row—Ken Mellinger, ISHC; Gus Gutzwiller, Purdue; Second row—Don Shurig, Purdue; Art Graham, Construction Digest and Indiana Highways for Survival; Jack McDonald, Indiana Constructors, Inc.: Third row—Joe Scott, ISHC; Bob Miles, Purdue; Jim Newland, Indiana Constructors, Inc.; Donn Hancher, Purdue; Fourth row—Al Altschaeffl, and Harold Michael, Purdue; Walt Schulenburg, Indiana Association of County Commissioners; Bill Ritman, ISHC; Fifth row—Len Wood, Purdue; Gene Hallock, ISHC; Jean Hittle, Purdue; Sixth row—Carl Racquett, Indiana County Surveyors Association; William Goetz, Purdue; Ken Hoover, ISHC; Seventh row—Eldy Yoder, Purdue; Roger Cain and Paul Owens, ISHC; Eighth row—Gil Satterly, Purdue; Dennis Cobb and Wayne Walters, ISHC; Top row—Ken Curtis, Purdue.

Figure 2. Tuesday general session speakers (left to right): William J. Ritman, Construction Division, Indiana State Highway Commission, presentation of 1978 pavement smoothness awards; Robert L. Eskew, presided, assistant chief engineering, Research and Engineering Services, Indiana State Highway Commission; Roger Marsh, executive director, Indiana State Highway Commission, presentation of 1978 safety awards; Donald C. Pratt, chairman, Indiana State Highway Commission, “A Look at the Year Ahead;” P. L. Owens, director, Indiana State Highway Commission Research and Training Center, West Lafayette, “An Overview of ISHC Research and Training Center Activities;” James L. McKinney, graduate research instructor, Purdue, “Recycling of Bituminous Pavements;” Harold L. Michael, head, School of Civil Engineering and director, Joint Highway Research Project, Purdue, “Summary of Current Transportation Research at Purdue.”
Figure 3. Wednesday general session speakers (left to right): Clark Bennett, chief, Program Evaluation Division, Office of Highway Safety, FHWA, Washington, D.C., "FHWA Highway Safety Review;" E. N. Burns, traffic control engineer, Bureau of Design Services, Ohio Department of Transportation, Columbus, Ohio, president, Institute of Transportation Engineers, "State Technical Assistance in Local Community Traffic Improvement Projects;" John J. Roark, director of transportation, North Central Texas Council of Governments, Arlington, Texas, "Who is the Transportation Engineer?;" Ernest J. Huffington, superintendent, Clark County, Illinois, "County Road Improvement—It Can Be Done;" Charles F. Scholer, presided, associate professor of Civil Engineering, Purdue.

Figure 4. Thursday general session speakers (left to right): Ralph R. Jarboe, Corps of Engineers, Tulsa, Oklahoma, "Value Engineering;" Dr. Donn E. Hancher, presided, associate professor of Construction Engineering, Purdue; W. J. Halstead, consulting engineer, Charlottesville, Virginia, "Energy Use and Conservation in Highway Construction and Maintenance;" John Hildenbrand, manager, Crawler Sales, Terex Division, General Motors, Hudson, Ohio, "Developments in Heavy Construction Equipment;" Howard L. Anderson, associate administrator for safety, FHWA, Washington, D.C., "The Payoff from Highway Safety Improvements."
Figure 5. Best safety record among the highway commission's 37 sub-districts was achieved by the Plymouth subdistrict. Taking part in the award presentation were (left to right): Gene Hedges, state highway safety director; Wilvester Thornton, LaPorte district safety director; Russell Lain, district engineer; William "Al" Nixon, Plymouth sub-district superintendent; and Roger Marsh, state highway executive director.

Figure 6. The Vincennes district's record of the fewest accidents per man-hour among the state highway commission's six districts won the 1978 safety award. Participating in the plaque presentation were (left to right): Gene Hedges, state highway director; Tom S. Williams, state highway personnel director; Fred Beauchamp, Vincennes district safety director; Nick VanNielen, district engineer, and Roger F. Marsh, state highway executive director.
Figure 7. The rigid pavement award was presented by Bill Ritman, chief ISHC, Construction Division to State Project Supervisor Vincent Williams (center) and Jim Heyde of McMahan-O’Connor Construction Company for a job on US 231 in Dubois County. The McMahan-O’Connor Company also won the flexible pavement award for work on SR 63 in Vermillion County. The ISHC project supervisor was Sam Huckleberry of the Crawfordsville district.

Figure 8. The resurfacing award by Bill Ritman (left) of ISHC was presented to Phil Penn (center) of Reith-Riley Construction Company and Jorge Camacho, Greenfield district area engineer, standing in for Larry Boothe, project supervisor, for resurfacing of SR 13 in Madison County.
Figure 9. Officers of the Indiana Association of County Commissioners include (left to right): Joe Haskins, Daviess County, president; Walter Schulenburg, Tipton County, vice president; Arnold Dougherty, Wayne County, secretary-treasurer; Tom Bell, executive secretary, Starke County; and Paul Anders, past president.

Figure 10. Officers of the Indiana Association of County Highway Supervisors include (left to right): Gene Shurte, LaPorte County, secretary-treasurer; DeWayne Beer, Adams County, vice president; and Verland Christopher, Jasper County, president.
Figure 11. Officers of the Indiana County Auditors Association include (left to right): Charles Miller, Elkhart County, second vice president; Sherry Waters, LaPorte County, secretary-treasurer; Jean Northenor Kosciusko County, president; and Naomi Jackson, Bartholomew County, first vice president.

Figure 12. City engineers have an Indiana City Engineers Association (ICEA) and most of the officers of the American Public Works Association (APWA) are city engineers. The photo below includes some officers from both associations (left to right): Philip Grounds, secretary ICEA; David Eason, president, ICEA; John Farrar, director, APWA; Carl O'Neal, president, APWA; and John Hardwick, director, APWA.

Figure 13. Officers of the Indiana Section, Institute of Transportation Engineers includes (left to right): Roger Cain, Indianapolis, treasurer; Bob Montgomery, Indianapolis, secretary; Lamar Ziegler, Muncie, president; and Mike Waugh, Indianapolis, vice president.
Figure 14. Newly elected officers of the Indiana County Surveyors Association include (left to right): Kenton Ward, Hamilton County, vice president; Leslie Weber, Noble County, vice president; John McNamara, Saint Joseph County, secretary-treasurer; Jack Irwin, Marion County, president.

Figure 15. Newly elected street commissioners include (left to right): Al Reece, Beach Grove, third vice president; Charles Keller, Madison, secretary-treasurer; Temas Dillard, Anderson, president; Americo "Duke" Briloli, Mishawaka, first vice president; Jerry Haynes, Richmond, Transportation Director, second vice president. William "Lum" Steels, Seymour, fourth vice president, is not shown.