PREFACE

In spite of the unprecedented flood conditions existing in southern Indiana at the time of our Twenty-third Annual Road School, the total official registration of 756 was larger than the registration of a year ago. Naturally, many of the state and county road men from the southern part of the state were prevented by flood-emergency duties from attending the Road School, but these losses were more than made up by road men from other sections of the state.

The spirit of co-operation and genuine interest in the Road School continues to improve, and it is quite evident that this annual affair is a major factor in improving the standard of road work in our state.

The classified registration for the last five Road Schools is as follows:

<table>
<thead>
<tr>
<th></th>
<th>1933</th>
<th>1934</th>
<th>1935</th>
<th>1936</th>
<th>1937</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Highway Commission</td>
<td>96</td>
<td>156</td>
<td>218</td>
<td>177</td>
<td>150</td>
</tr>
<tr>
<td>County Road Supervisors*</td>
<td>84</td>
<td>44</td>
<td>55</td>
<td>42</td>
<td>40</td>
</tr>
<tr>
<td>Other County Road Employees</td>
<td>80</td>
<td>111</td>
<td>174</td>
<td>70</td>
<td>77</td>
</tr>
<tr>
<td>County Surveyors</td>
<td>78</td>
<td>79</td>
<td>71</td>
<td>69</td>
<td>63</td>
</tr>
<tr>
<td>Deputy County Surveyors</td>
<td>6</td>
<td>14</td>
<td>18</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>County Commissioners</td>
<td>75</td>
<td>88</td>
<td>104</td>
<td>58</td>
<td>85</td>
</tr>
<tr>
<td>City Officials</td>
<td>23</td>
<td>16</td>
<td>32</td>
<td>33</td>
<td>28</td>
</tr>
<tr>
<td>Contractors</td>
<td>42</td>
<td>52</td>
<td>50</td>
<td>24</td>
<td>35</td>
</tr>
<tr>
<td>Materials and Equipment Men</td>
<td>190</td>
<td>208</td>
<td>198</td>
<td>181</td>
<td>197</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>89</td>
<td>91</td>
<td>80</td>
<td>66</td>
<td>73</td>
</tr>
</tbody>
</table>

Total............................................. 763 859 1000 726 756

*In 1933 the office of county road superintendent was abolished by the State legislature and the county commissioners were given the option of appointing a county road supervisor to have charge of county roads or of placing the county surveyor in charge. Approximately one-third of the counties turned the roads over to the surveyor, and this change accounts for the smaller registration of county road supervisors after 1933.

The continued success of the annual road school is due largely to the splendid co-operation received from the officers of the various co-operating groups as well as from the University officials and staff members.

The official directory of the co-operating groups for the year 1937 follows:

COUNTY SURVEYORS AND COUNTY ENGINEERS' ASSOCIATION

John A. Kelley, LaPorte ................................................. President
Harry K. Gottschalk, Fort Wayne ...................................... Vice-President
John A. Booe, Newport ................................................. Vice-President
William H. Sorrell, Newcastle ........................................ Secretary
Herbert H. Bloemker, Indianapolis .................................... Treasurer
COUNTY ROAD SUPERVISORS' ASSOCIATION

W. M. Barnes, Kokomo......................................................President
Fred Hubbell, Angola....................................................Vice-President
W. D. Straw, New Albany..............................................Vice-President
Ernest Coffin, Richmond..............................................Secretary-Treasurer

COUNTY COMMISSIONERS' ASSOCIATION

Clarence Roy, Fort Wayne..............................................President
J. V. Staton, Kentland..................................................Vice-President
Jesse McKnight, Bedford.............................................Vice-President
James A. Slane, West Lafayette....................................Secretary-Treasurer

HIGHWAY MATERIALS AND EQUIPMENT ASSOCIATION

C. Dana Ward, Indianapolis (410-412 Ill. Bldg.)..............President
H. W. Taylor, Indianapolis..........................................Vice-President
Walter O'Neall, Crawfordsville....................................Secretary
Dorsey Allison, Indianapolis........................................Treasurer

INDIANA HIGHWAY CONSTRUCTORS, INC.

Robert E. O'Connor, Fort Wayne.................................President
Edward F. Smith, Indianapolis......................................Vice-President
Robert H. King, Danville............................................Secretary-Treasurer
W. M. Holland, Indianapolis (309 W. Washington St.)........Executive-Secretary

The Road School was supplemented by a very successful road show in the Purdue Armory sponsored by the Highway Materials and Equipment Association with a total of fifty-six exhibits.

Because of its length and its widespread application to the low-cost paving problem, the paper on "Developments in Road Stabilization," by A. R. Brickler, Assistant Engineer of Tests, State Highway Commission of Indiana, has not been included in these proceedings but has been published as a separate bulletin—Extension Series No. 38 (Engineering Bulletin of Purdue University, Vol. XXI, No. 2, March, 1937.)

July, 1937.

BEN H. PETTY.