

## PROGRAM

MONDAY, JANUARY 25

### Morning

Registration in Room 202, Civil Engineering Building.

### Afternoon

General Session—Room 201, Civil Engineering Building.

Presiding—Ben H. Petty, Professor of Highway Engineering, Purdue University.

Address of Welcome—W. A. Knapp, Professor in Charge, Engineering Extension Department, Purdue University.

Responses—

John L. Stewart, President, County Surveyors' and County Engineers' Association, Brookville.

Fred Hubbell, President, County Highway Superintendents' Association, Angola.

Inter-Relation of Highways and Public Preserves—Richard Lieber, Director, Department of Conservation, Indianapolis.

Road Tax Problems—Judge W. A. Hough, Greenfield (Former Member Indiana State Tax Board).

### Evening

Walnut Room, Fowler Hotel.

Dinner-Smoker.

Toastmaster—A. A. Potter, Dean, Schools of Engineering, Purdue University.

Addresses—

Highwaymen I Have Met—Arthur H. Sapp, Member, Indiana State Highway Commission, Huntington.

Views from Abroad—Dr. W. K. Hatt, Head, School of Civil Engineering, Purdue University.

TUESDAY, JANUARY 26

### Morning

General Session—Room 201, Civil Engineering Building.

Presiding—W. A. Knapp, Professor in Charge, Engineering Extension Department, Purdue University.

Michigan Attempts to Solve the Township Road Problem—Lee J. Rothgery, Engineering Extension Division, Michigan State College, Lansing, Michigan.

Recent Practical Developments in Design and Construction of Brick Pavements—H. G. Sours, Summit County Engineer, Akron, Ohio.

Concrete Pavement Design and Construction Practices—W. J. Titus, Chief Engineer, Indiana State Highway Commission, Indianapolis.

### Afternoon

#### Separate Sessions

State Highway Maintenance Men—Room 309, Civil Engineering Building.

County Surveyors and County Engineers—Reception Room, Memorial Union Building.

Presiding—J. L. Stewart, President.

Bituminous Road Types—H. C. Offutt, District Engineer, Indiana State Highway Commission, Vincennes.

Discussion—George R. Gault, Wayne County Engineer.

Uses and Abuses of the Three-Mile Road Law—O. M. Darling, Allen County. H. A. Blunk, Morgan County.

The County Unit Road Law—Bruce Short, Marion County.

County Highway Superintendents—Room 201, Civil Engineering Building.  
Presiding—Fred Hubbell, President.  
Numbering and Marking County Roads—H. A. Firestone, Elkhart County.  
Rebuilding County Roads—Thomas D. Kelsay, Miami County.  
Preparation of the Annual Budget—W. O. Bateman, Daviess County.  
Charles Mann, Marion County.  
Commercial vs. Local Gravel for Road Maintenance—J. H. Price, Clay County. Chas. Davis, Greene County.

Evening

Purdue Armory—Opening of exhibit sponsored by Highway Materials and Equipment Association.

WEDNESDAY, JANUARY 27

Morning

General Session—Room 201, Civil Engineering Building.  
Presiding—A. H. Hinkle, Supt. of Maintenance, Indiana State Highway Commission, Indianapolis.  
Proper Use of Reinforcing Steel in Concrete Pavements—R. D. Bradbury, Director, Wire Reinforcement Institute, Washington, D. C.  
Efficient Administration of Highway Funds—R. H. Baker, State Commissioner of Highways and Public Works, Nashville, Tenn.  
The Role of the County Commissioner in Road Improvement—Chas. West, County Attorney, Tippecanoe County.  
The Commission's Responsibility to Taxpayers—Col. A. P. Melton, Member, Indiana State Highway Commission, Gary.

Afternoon

Purdue Armory—Exhibit of Road Materials and Equipment.

Evening

Purdue Armory—Road Show Continued.  
Entertainment—  
Band Concert  
Athletic Contests  
Zouave Drill

THURSDAY, JANUARY 28

Morning

Separate Sessions

City Officials—Room 201, Civil Engineering Building.  
Presiding—R. B. Wiley, Professor of Sanitary Engineering, Purdue University.  
Relationship of Street Railways to City Traffic Problems—W. P. Cottingham, Engineering Assistant, Gary Railways, Gary.  
Construction and Maintenance Practices on City Streets—S. W. Hodgin, City Engineer, Richmond.  
Discussion—J. V. Schneider, Street Commissioner, Richmond.  
Motor Vehicle Parking Problems—Todd Stoops, Secretary-Manager, Hoosier Motor Club, Indianapolis.  
City Sanitation Problems—L. S. Finch, Sanitary Engineer, Indiana State Board of Health, Indianapolis.  
Discussion—W. E. Howland, Assistant Professor of Civil Engineering, Purdue University.

County Highway Superintendents—Ball Room, Memorial Union Building.  
 Presiding—Harley Firestone, Vice-President.

Should the County Road Department Own Trucks?—

S. S. Gardner, Shelby County.

Matt Foster, Vanderburgh County.

Co-operation Between County and Township Officials—Fred Hubbell,  
 Steuben County.

Experience with Three-Inch Bituminous Gravel Mixture—

E. E. Turner, DeKalb County.

S. T. Hollingsworth, Howard County.

George Brown, Starke County.

County Garage Problems—

K. M. Dimmich, Benton County.

H. M. White, Marshall County.

County Surveyors and Engineers—Reception Room, Memorial Union  
 Building.

Presiding—Don Gilbert, Vice-President.

Committee Report on Drainage Ditch Practices—

G. C. Kain, Chairman, DeKalb County.

O. M. Darling, Allen County.

Don Gilbert, Steuben County.

Repairing Old Bridges—S. C. Hollister, Professor of Structural Engi-  
 neering, Purdue University.

Design and Construction of Pipe Culvert—Concrete Floodways—

Clyde Yater, Engineer, Shelbyville.

Design and Construction of Concrete Culverts—

Jessa W. Botset, Marshall County.

Dean Whicker, Benton County.

State Highway Maintenance Men—Room 309, Civil Engineering  
 Building.

#### Afternoon

General Session—Room 201, Civil Engineering Building.

Presiding—W. M. Holland, Executive Secretary, Indiana Highway Con-  
 structors, Inc., Indianapolis.

Efficient Operation of a County Road Department—Otto Hess, Engi-  
 neer—Manager, Kent County Road Commission, Grand Rapids,  
 Michigan.

Road Improvement from the Contractor's Viewpoint—John Wheeler,  
 Contractor, Crown Point.

Fitting Road Improvement Programs to Traffic Demands—P. M. Tebbs,  
 Assistant Chief Engineer, Pennsylvania State Highway Department,  
 Harrisburg, Pa.

#### Evening

Annual Banquet—Ball Room, Purdue Memorial Union Building.

Toastmaster—Ben H. Petty, Professor of Highway Engineering, Purdue  
 University.

Addresses—

Hon. H. G. Leslie, Governor, State of Indiana.

Harry G. Hogan, President, The Dime Savings and Trust Company,  
 Fort Wayne.

### FRIDAY, JANUARY 29

Separate Sessions all day

County Surveyors—

#### Morning

Reception Room, Memorial Union Building.

Presiding—Jessa W. Botset, Secretary-Treasurer.

- Preparation of Road Plans—G. P. Springer, Assistant Professor of Civil Engineering, Purdue University.  
Relation of State Registration Board to County Surveyors and Engineers—M. T. Calef, Member, Indiana Board of Registration for Professional Engineers and Land Surveyors, South Bend.  
Important Features of Concrete Pavement Specifications—Emil Zabel, Jackson County.  
The Vicissitudes of an Engineer's Work—A. W. Karsteter, Dearborn County.

Afternoon

- Testing Materials Laboratory, Civil Engineering Building.  
Laboratory Demonstration of Sampling and Testing of Materials—  
Members of Testing Materials Laboratory Staff, Purdue University:  
Professor S. C. Hollister, Assistant Director.  
Professor R. B. Crepps.  
Mr. W. I. Freel.

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- State Highway Maintenance Men—Room 309, Civil Engineering Building.
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- County Highway Superintendents.

Morning

- Room 201, Civil Engineering Building.  
Presiding—Chas. Mann, Secretary-Treasurer.  
Use of Sandstone in Highway Base Course—B. F. English, Pike County.  
Maintenance of Concrete Pavements—  
C. A. Helvey, Kosciusko County.  
Thomas Hook, Vigo County.  
Bituminous Mulch Surfaces—  
Robie Hirons, Delaware County.  
Clifford Siniff, Allen County.  
Duties of Assistant County Highway Superintendents—  
Chas. W. Breeden, Orange County.  
L. C. Bay, Porter County.

Afternoon

- Room 201, Civil Engineering Building.  
Presiding—Fred Hubbell, President.  
The Auditor's Relation to County Road Problems—C. F. Jamison, Tippecanoe County.  
Operating and Maintaining Road Equipment—  
Clarence Allender, Hancock County.  
Thad S. Crow, Warren County.  
General Discussion of Highway Superintendents' Program for Next Year.