

PROGRAM

MONDAY, JANUARY 19

Morning

Registration in Room 202, Civil Engineering Building.

Afternoon

General Session—Room 201, Civil Engineering Building.

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

Address of Welcome—R. B. Wiley, Acting Head, School of Civil Engineering, Purdue University.

Responses—

A. H. Hinkle, Superintendent of Maintenance, Indiana State Highway Commission, Indianapolis.

Don Heaton, President, County Surveyors' and Engineers' Association, Fowler.

State Highway Policies—

J. L. Murden, Member, Indiana State Highway Commission, Peru.

Discussion.

The Importance of Accurate Cost Records—R. B. Stewart, Controller, Purdue University.

Discussion.

Evening

Dinner-Smoker, Walnut Room, Fowler Hotel.

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

Sword Fishing—John L. Bray, Professor of Metallurgy, Purdue University.

TUESDAY, JANUARY 20

Morning

General Session—Room 201, Civil Engineering Building.

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

Some Highway Extension Experiences (Illustrated)—Ben H. Petty, Associate Professor of Highway Engineering, Purdue University.

Discussion.

Traffic Capacity of Highways—N. W. Dougherty, Professor of Civil Engineering, University of Tennessee, Knoxville, Tennessee.

Discussion.

Black-Top Roads (Illustrated by U. S. Bureau of Public Roads Films)—A. O. Hastings, District Engineer, Indiana State Highway Commission, Greenfield.

Discussion.

Relief of Unemployment—W. M. Holland, Executive Secretary, Indiana Highway Constructors, Inc., Indianapolis.

Discussion.

Afternoon

Separate Sessions

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

County Highway Superintendents—Room 201, Civil Engineering Building.

(Joint Session with County Surveyors, First Hour.)

Sampling and Testing Road Materials (Demonstration in Testing Materials Laboratory)—

R. B. Crepps, Assistant Professor of Testing Materials, Purdue University.

W. I. Freel, Instructor in Testing Materials, Purdue University.

County Surveyors and Engineers—Room 201, Civil Engineering Building.

Presiding—Don Heaton, President.

Making Good Concrete—S. C. Hollister, Professor of Structural Engineering, Purdue University.

Discussion.

Handling Inspection on County Road Work—A. Cameron, Rush County.

Discussion.

Determination of Adequate Waterway for Culverts and Bridges—G. P. Springer, Assistant Professor of Civil Engineering, Purdue University.

Discussion.

Problems Encountered in Location, Design, and Construction of Open Drainage Ditches—H. C. Morrison, Gibson County.

Discussion.

Evening

Exhibit in Purdue Armory.

Official Opening of Road Show, Sponsored by Highway Materials and Equipment Association.

Complimentary Barbecue for All Officially Registered Attendants at Road School, Tendered by Highway Materials and Equipment Association.

Road Material and Equipment—Bruce Short, Marion County Surveyor; Director, Highway Materials and Equipment Association.

WEDNESDAY, JANUARY 21

Morning

General Session—Room 201, Civil Engineering Building.

Presiding—A. H. Hinkle, Superintendent of Maintenance, Indiana State Highway Commission, Indianapolis.

Use of Welding in Construction and Repair of Steel Bridges—S. C. Hollister, Professor of Structural Engineering, Purdue University.

Discussion.

What About Our Local Roads?—Norman M. Blaney, Director, Farm-to-Market Road Department, American Farm Bureau Federation, Chicago.

Discussion—R. F. Fisher, Champaign County Highway Superintendent, Urbana, Illinois.

Settling Fills on Muck Lands—J. T. Hallett, Assistant Chief Engineer in Charge of Roads, Indiana State Highway Commission, Indianapolis.

Discussion—E. B. Lockridge, District Engineer, Indiana State Highway Commission, LaPorte.

Afternoon

Road Show—Purdue Armory.

(Time devoted exclusively to inspection of road material and equipment exhibit, under auspices of Highway Materials and Equipment Association.)

Evening

Continuation of Road Show in Armory.

THURSDAY, JANARY 22

Morning

Separate Sessions

City Officials—Room 201, Civil Engineering Building.

Presiding—C. B. Carpenter, City Civil Engineer, Bloomington.

City Planning as an Aid to Solution of Traffic Problems (Illustrated by Film from National Safety Council)—G. E. Lommel, Professor of Topographical Engineering, Purdue University.

Discussion—H. B. Steeg, Secretary-Engineer, City Plan Commission, Indianapolis.

Co-operation in Repair of City Streets—George Mix, City Civil Engineer, Kokomo.

Discussion.

Design Features of City Pavements—A. K. Hofer, Consulting Engineer, Fort Wayne.

Discussion.

Scientific Control of Street Paving Materials—Myron G. Johnson, Assistant City Civil Engineer, Indianapolis.

Discussion.

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

County Highway Superintendents—Ball Room, Memorial Union Building.

Presiding—Fred Hubbell, President.

Fitting the Road Surface to the Traffic—
R. K. Chalfant, Wayne County.
S. T. Hollingsworth, Howard County.

Discussion.

Operating and Maintaining a Fleet of Trucks—

Russell Critser, Jasper County.

A. C. Mangus, St. Joseph County.

Discussion.

Selling the Idea of Efficient Economical Road Maintenance to the Taxpayers—J. A. Alexander, Posey County.

Discussion.

How Improper Road Construction Handicaps Maintenance Work—Wm. E. Lawson, Jefferson County.

Discussion.

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

Presiding—John L. Stewart, Vice-President.

Improvement in Concrete Road Design—(Illustrated by U. S. Bureau of Public Roads Film)—E. L. Alexander, LaPorte County.

Discussion.

Securing Lower Construction Costs Through the Medium of Complete, Accurate Plans and Specifications—Wm. E. Morthland, Porter County.

Discussion.

Adjustment of Surveying Instruments—M. W. Todd, Assistant Professor of Topographical Engineering, Purdue University.

Discussion.

Office and Field Methods—Don Gilbert, Steuben County.

Discussion.

Afternoon

General Session—Room 201, Civil Engineering Building.

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

Looking Ahead in Road Improvement—Robert Kingery, General Manager, Chicago Regional Planning Association, Chicago, Illinois.

Discussion.

Some New Developments in Road Construction and Maintenance—W. H. Root, Maintenance Engineer, Iowa State Highway Department, Ames, Iowa.

Discussion.

Improvement of Contracting Practice—W. M. Holland, Executive Secretary, Indiana Highway Constructors, Inc., Indianapolis.

Evening

Annual Road School Banquet—Ball Room, Memorial Union Building.

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

Addresses—

A. J. Wedeking, Chairman, Indiana State Highway Commission,
Dale.

David E. Ross, President Board of Trustees, Purdue University,
Lafayette.

Dr. Allen D. Albert, Assistant to the President, Chicago World's
Fair Centennial Association, Chicago.

Note.—Banquet program broadcast over Purdue radio station WBAA
(214.2 meters, 1400 kilocycles), through the courtesy of School of Elec-
trical Engineering.

Annual meetings of co-operating associations.

FRIDAY, JANUARY 23**Separate Sessions all day**

State Highway Men—Room 309, Civil Engineering Building.

County Highway Superintendents—Room 201, Civil Engineering Build-
ing.

Presiding—Harley Firestone, Vice-President.

Road Construction with County Equipment—Ralph Lebo, Fulton County.

Discussion.

Efficient Use of Road Improvement Funds—A. F. Becker, Commissioner,
DuBois County.

Discussion.

Painting Bridges—Joseph Wuchner, DuBois County.

Discussion.

Surface Treatments on Stone Roads—

Mack Howell, LaPorte County.

F. M. Harrison, Hendricks County.

Discussion.

Afternoon

Presiding—Charles Mann, Secretary-Treasurer.

Surface Treated Gravel and Retread Road Work—

Harley Firestone, Elkhart County.

Kenneth Sparks, Grant County.

Discussion.

How Patrol System Reduces Road Maintenance Costs—J. A. Slane, Com-
missioner, Tippecanoe County.

Discussion.

Use of Motor Grader—John Lidgard, Cass County.

Discussion.

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

Morning

Presiding—H. D. Hartman, Secretary-Treasurer.

Construction of Crusher-Run Stone Roads—

E. D. Nesbitt, Jasper County.

J. D. Whicker, Benton County.

Discussion.

Design and Construction of Combination Stone and Gravel Roads—
Bourke Samples, Warrick County.

Discussion.

Some Court Decisions of Special Interest to County Engineers—Don
Heaton, Benton County.

Discussion.

Some Experiences on County Bridge Work—James Chase, Cass County.

Discussion.

Afternoon

Presiding—Don Heaton, President.

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

Discussion.

Design of System of Levees and Flood Gates for Protection of Overflow
Land—A. E. Gempler, Posey County.

Discussion.

Design of Steel Bridges—Earl Feldman, St. Joseph County.

Discussion.