Engineering Experiment Station
Bulletin

University of Kentucky
College of Engineering

PROCEEDINGS OF THE
KENTUCKY HIGHWAY CONFERENCE
NOVEMBER 15-16, 1966

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Kentucky Highway Conference
November 15-16, 1966

BULLETIN NO. 85

OCTOBER 1967

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College of Engineering
University of Kentucky
Lexington
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EIGHTEENTH ANNUAL
KENTUCKY
HIGHWAY
CONFERENCE

NOVEMBER 15-16
1966

PURPOSE
The annual Kentucky Highway Conference has as its purpose the interchange of ideas and dissemination of information among those concerned with the technical and administrative aspects of design construction and maintenance of public roads and streets.

Sponsored by
COLLEGE OF ENGINEERING
UNIVERSITY OF KENTUCKY
UNIVERSITY EXTENSION
UNIVERSITY OF KENTUCKY
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

PROGRAM

Tuesday, November 15

9:30-12:00 A.M. EST

GENERAL SESSION—Memorial Hall, Judge James A. Dressman, Jr., Kenton County, President, County Judges Association, Presiding.
1. Invocation—Rev. Jon Dalton, Y.M.C.A., Director, University of Kentucky.
2. Welcome to the University—Dr. Robert M. Drake, Jr., Dean, College of Engineering.
3. Address—M. W. Tinder, Commissioner, Kentucky Department of Highways.
4. Address—“Roadside Development” by Howard S. Ives, State Highway Commissioner, Connecticut and Chairman, AASHO Committee on Roadside Development.

12:00-1:45 P.M.

LUNCHEON—Grand Ballroom, Student Center, A. O. Neiser, Deputy Highway Commissioner and State Highway Engineer, Kentucky Department of Highways, Presiding.
*Address—Honorable Edward T. Breathitt, Governor, Commonwealth of Kentucky.

2:00-4:30 P.M.

TECHNICAL DIVISION SESSIONS

I. URBAN HIGHWAYS AND STREETS—Student Center, Room 206. Joseph Heidenreich, Traffic Engineer, City of Lexington, Presiding.
*1. “How a City Meets the Financial Obligation of Street Improvement,” Honorable Fred E. Fugazzi, Mayor of Lexington.
3. Panel—“What Is Your Question?”
Grover Ethington, Assistant Director, Division of Traffic, Kentucky Department of Highways.
William Kell, City Manager, Ashland, Kentucky.
J. R. Harbison, Program Management Engineer, Kentucky Department of Highways.
Charles H. Kuhn, City Engineer, Ft. Thomas, Kentucky.
Honorable Fred E. Fugazzi, Mayor of Lexington.
M. W. Tinder, Commissioner, Kentucky Department of Highways.

II. STRUCTURAL SESSION—Student Center, Room 245. Carl P. Kroboth, President, Kroboth Engineers, Inc., Lexington, Presiding.
*1. “Aesthetics of Bridges,” Mr. Robert Foster, Chief Bridge Design Engineer, Alberta Department of Highways, Edmonton, Canada.

III. COUNTY AND RURAL SECONDARY ROADS—Student Center Theater.
John Witt, Assistant Director, Division of Rural Roads, Kentucky Department of Highways, Presiding.
*1. “County and State Rural Road Program,” James T. Sable, McCracken County Road Engineer.
Wednesday, November 16

9:30-12:00 A.M.

GENERAL SESSION—Memorial Hall, J. B. Kemp, Division Engineer, Bureau of Public Roads, Kentucky Division, Presiding.

HIGHWAY SAFETY:

   * C. L. Willis, Traffic Engineer, Division of Traffic, Kentucky Department of Highways.
   * C. J. Henry, Design Engineer, Division of Design, Kentucky Department of Highways.
   J. W. Hutchinson, Associate Professor of Civil Engineering, University of Kentucky.
   Charles B. Jones, Secretary, Governor’s Coordinating Committee for Traffic Safety and Director, Division of Accident Control, Kentucky Department of Public Safety.

2. “Enforcement,” James E. Bassett, Director, Division of State Police, Department of Public Safety.


12:00-1:30 P.M.

LUNCHEON—Grand Ballroom, Student Center, M. W. Tinder, Deputy Commissioner of Highways, Presiding.

Film—“Capital Construction,” J. M. Phillips, Director, Division of Public Affairs, Kentucky Department of Highways.

2:00-4:30 P.M.

SPECIFICATIONS: Four Separate Sessions.

I. STRUCTURES AND SPECIALTY ITEMS—Student Center Theater.

   G. F. Vansant, Jr., Assistant Projects Management Engineer, Kentucky Department of Highways, Moderator.
   K. A. Akin, Assistant Bridge Construction Engineer, Division of Construction, Kentucky Department of Highways.
   J. S. Backett, Acting Director, Division of Bridges, Kentucky Department of Highways.
   Paul A. Faulkner, Chief Engineer, Ruby Construction Co., Louisville, Kentucky.
   John W. Saltzman, Jr., Vice President, Saltzman Construction Company, Bardstown, Kentucky.
   A. B. Thompson, Vice President, Sam Nally Association, Bardstown, Kentucky.
   Ralph R. Waddle, Chief Construction Engineer, Division of Construction, Kentucky Department of Highways.
   Rob Worthington, Sales Manager, Hinkle Construction Corporation, Paris, Kentucky.

II. “CEMENT CONCRETE PAVEMENT,” Student Center, Room 206.

   E. B. Gaither, Jr., Director, Division of Design, Kentucky Department of Highways, Moderator.
   Andrew J. Bauer, Jr., President, Shamrock Corporation of Kentucky, Louisville, Kentucky.
   Russell DeSalvo, Jr., Secretary-Treasurer, The DeSalvo Construction Company, Cincinnati, Ohio.
   G. B. Drake, Principal Specifications Engineer, Division of Design, Kentucky Department of Highways.
   J. J. Farra, District Engineer, Portland Cement Association, Louisville, Kentucky.
   William D. Kelly, Vice President, Kelly Construction Company, Inc., Louisville, Kentucky.
   B. L. Wheat, Chief Construction Engineer, Division of Construction, Kentucky Department of Highways.
   Dan C. Woodward, Chief Construction Engineer, Division of Construction, Kentucky Department of Highways.
III. FLEXIBLE PAVEMENT—Student Center, Room 245.

W. B. Drake, Assistant Projects Management Engineer, Kentucky Department of Highways, Moderator.

W. L. Echstenkamper, Chief Engineer, Plantmix Asphalt Industry of Kentucky, Inc., Frankfort, Kentucky.

Wendell O. Eldridge, President, Middle West Roads Company, Louisville, Kentucky.

Everett S. Gordon, Principal Materials Engineer, Division of Materials, Kentucky Department of Highways.

James H. Havens, Director, Division of Research, Kentucky Department of Highways.

Cyrus S. Layson, Chief Construction Engineer, Division of Construction, Kentucky Department of Highways.


Harold Mays, Director, Division of Materials, Kentucky Department of Highways.

Jack E. Ruth, President, East Kentucky Paving Corporation, Grayson, Kentucky.

IV. "GRADE AND DRAIN CONSTRUCTION," Student Center, South End of Ballroom.

G. F. Kemper, Director, Division of Construction, Kentucky Department of Highways, Moderator.

John Bizzack, President, Bizzack Brothers Construction Corporation, Frankfort, Kentucky.

S. T. Collier, Chief Specifications Engineer, Division of Design, Kentucky Department of Highways.

R. C. Deen, Assistant Director, Division of Research, Kentucky Department of Highways.


Elmo Greer, President, Greer Brothers and Young, Inc., London, Kentucky.

Henry Mathis, Principal Materials Engineer, Division of Materials, Kentucky Department of Highways.

C. B. Owens, Vice President, Codell Construction Company, Winchester, Kentucky.

Clinton Don Wood, Secretary-Treasurer, Wood & Bush Company, Frankfort, Kentucky.

John Woodruff, Owner, John Woodruff Construction Company, Cadiz, Kentucky.

6:00 P.M.

ANNUAL DINNER—Phoenix Hotel—Sponsored by the Kentucky Association of Highway Contractors. Admission by ticket. Elmo Greer, President, Kentucky Association of Highway Contractors, Presiding.

Address—Robert M. Young, Cornell-Young Company, Macon, Georgia, Immediate Past President, Contractors Division, American Road Builders Association.

EIGHTEENTH KENTUCKY HIGHWAY CONFERENCE COMMITTEE

D. K. Blythe, Chairman, Civil Engineering Department, Co-Chairman

W. B. Drake, Assistant Projects Management Engineer, Co-Chairman

Vic Comley, Executive Director, Kentucky Association of Highway Contractors

R. C. Deen, Assistant Director, Division of Research

R. G. Figg, Director, Conferences and Institutes

J. W. Hutchinson, Associate Professor, Civil Engineering

K. B. Johns, Operations Management Engineer

S. A. Mory, Professor of Structural Engineering

J. M. Phillips, Director, Division of Public Affairs

H. H. Sandusky, Director, Division of Rural Roads

W. O. Snyder, Executive Secretary, Kentucky Association of Highway Contractors

W. B. Stamper, Assistant to the Commissioner of Highways

* Papers published in this bulletin.