

EXTENSION SERIES NO. 39  
ENGINEERING EXTENSION DEPARTMENT

PROCEEDINGS  
OF THE  
TWENTY-THIRD ANNUAL ROAD SCHOOL  
HELD AT  
PURDUE UNIVERSITY  
January 25-29, 1937

---

Compiled and Edited by  
BEN H. PETTY  
Professor of Highway Engineering

---

PURDUE UNIVERSITY  
Lafayette, Indiana



## TABLE OF CONTENTS

---

	PAGE
Preface.....	5
Papers—	
After Four Years, by James D. Adams, Chairman, State Highway Commission of Indiana.....	7
Development of the Inter-American Highway, by E. W. James, Chief, Division of Highway Transport, U. S. Bureau of Public Roads, Washington, D. C.....	9
The Motor and the Highway in Modern Traffic, by Col. Willard T. Chevalier, President, American Road Builders' Association, New York City.....	15
Report on the Indiana Highway Planning Survey, by Earl R. Feldman, Director, State-Wide Highway Planning Survey, Indianapolis.....	28
Some Knowns and Unknowns in Bituminous Road Work, by Dr. Herbert F. Kriege, Research Consultant, State Highway Commission of Indiana—Purdue University Joint Highway Research Project, Toledo, Ohio.....	36
Combating Frost and Drainage Problems, by F. C. Lang, Professor of Highway Engineering, University of Minnesota.....	46
Combating Frost and Drainage Problems, by C. W. McClain, Engineer of Maintenance, State Highway Commission of Indiana.....	57
Highway Bridges—A Major Problem, by J. R. Burkey, Chief Engineer of Bridges, Ohio State Highway Department, Columbus, Ohio....	59
Progress in Railway Grade Separation and Protection Work in Indiana, by J. V. Smythe, Engineer of Bridges, State Highway Commission of Indiana.....	61
Establishing and Preserving Section Corner Stones, by Harry Morrison, Gibson County Surveyor.....	73
Low-Cost Stabilized Surfaces, by William J. Slavin, Livingston County Engineer, Howell, Michigan.....	77
Getting the Most Out of the Government Secondary Road Program, by E. D. Nesbitt, Jasper County Surveyor, Rensselaer, Indiana.....	83
What We are Trying To Do About Traffic Safety, by James G. Hayden, Assistant Traffic Engineer, National Safety Council, Chicago, Illinois.....	86
What are We Doing to Increase Safety?, by J. T. Hallett, Assistant Chief Engineer, State Highway Commission of Indiana.....	96
A Rural Directory, by H. C. Grube, Marshall County Surveyor, Plymouth, Indiana.....	99
Publications of the Engineering Extension Department.....	102

