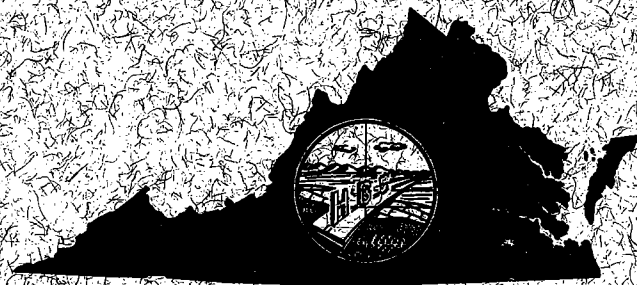


23rd. Annual

# Highway Geology Symposium



“Engineering Geology  
of  
Unconsolidated Materials”

April 26-28, 1972

Hampton, Virginia

Sponsors:

Va. Hwy. Research Council

Va. Dept. Highways

Va. Div. Min. Resources

Old Dominion University

TWENTY-THIRD ANNUAL  
HIGHWAY GEOLOGY SYMPOSIUM

Proceedings of a Symposium  
held at the  
Chamberlin Hotel, Fort Monroe, Virginia  
April 27-28, 1972

Local Chairman

Michael A. Ozol

1972 Program Committee

Burrell S. Whitlow  
George S. Meadors  
David F. Noble  
Arthur C. Munyan  
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Editor

Dr. A. C. Munyan

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## PREFACE

The 23rd annual highway geology symposium was held in the Chamberlin Hotel at Fort Monroe, Virginia on April 27 and 28, 1972.

The field trip on April 27 dealt with the engineering geology of the second Hampton Roads Bridge-tunnel crossing.

The technical sessions, held the following day, were planned to complement the field trip by reiterating the topic of engineering geology of unconsolidated materials; and the papers as a group dealt mainly with these types of materials.

George S. Meadors, Jr. of the Virginia Department of Highways served on the local arrangements committee in the special capacity of being in charge of the organization of the field trip and the preparation of the guide book.

Our speaker at the banquet on April 27 was Norman F. Williams, State Geologist, Arkansas, and the local committee thanks him very kindly for the illuminating remarks on his topic "The Noble Highway Geologist".

Dr. Arthur C. Munyan of the Department of Geophysical Sciences, Old Dominion University, Norfolk, Virginia, performed the very basic and necessary task of receiving and reviewing the abstracts of the offered papers and making the selections for presentation at the Symposium. Dr. Munyan also presided at the Technical Sessions on April 28, and later received and reviewed the written submissions for publications in these Proceedings. We very gratefully acknowledge the donation of his time and energy on behalf of the Symposium.

As local chairman of the 1972 program committee I want to express my gratitude to those other committee members who helped to do all the necessary things that had to be done, and also for the cooperation extended by the Virginia Highway Research Council.

Michael A. Ozol  
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