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PROGRESS REPORT

Transport Research Program

June 12, 1966 - December 12, 1966

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December 12, 1966

## Transport Research Program

### I. Studies Completed

During the past six months the following manuscripts were completed:

Holland Hunter, The Soviet Transport Experience: Its Lessons for Other Countries

Mahlon Straszheim, International Air Transport and Economic Development

Donald S. Shoup, Ports and Economic Development

Beals, Levy, Menezes, and Moses, Labor Transport and Regional Development in Ghana

Alan R. Prest, Transport Pricing and Finance in Developing Countries

Wilfred Owen, Transportation for India

Edwin T. Haefele (ed.), Transport and Development Planning

These manuscripts are now subject to review by reading committees for possible book publication.

The Spanish edition of Wilfred Owen's Strategy for Mobility, under the title La Planificacion de Los Transportes, was published in October 1966 by Editorial Troquel S.A., Argentina.

A report on "Road Transportation and Food Production," by Wilfred Owen was published in the Highway Research Record, No. 125, National Research Council, 1966.

The Development Digest of July 1966 carried a section on "Planning the Transport Sector" which contained excerpts from George W. Wilson and associates, The Impact of Highway Investment on Development, and other articles from the Transport Research Program.

The Harral study, Preparation and Appraisal of Transport Projects, was chosen by the Economic Development Institute of the World Bank for its use in their training course. The study is also being used in the NESAC/CDF training seminar for loan officers.

## II. Work in Progress

Work is in process on the following projects:

James R. Nelson, French Railway Pricing

John R. Meyer and Paul O. Roberts, Harvard  
Transport Research Program

## III. Staff Activities

John R. Meyer and Paul O. Roberts, who are developing macro-economic and transport simulation models at Harvard, have been working with AID and Lockheed International on problems of applying a transport model in the Sudan. Meyer and Roberts are also making trial runs of the Harvard models for Colombia. Preliminary reports on the models have been made to groups in AID and to a meeting of some fifty members of the World Bank staff.

Findings of the TRP have been incorporated in the transportation report of the President's Science Advisory Committee on the World Food Shortage (PSAC). Wilfred Owen, serving as a member of the transport subcommittee of PSAC, has prepared papers on the role of transport in food production and marketing, and a proposal for transport aid for Indian agriculture.

Edwin T. Haefele acted as an advisor to the Africa Bureau of AID to review regional transport studies done under the auspices of the Economic Commission for Africa in Addis Ababa, Ethiopia. His report also dealt with staff needs of ECA in transport and suggested additional regional transport studies for Africa.

Papers are being prepared for three conferences scheduled for 1967:

1. "The Role of Transportation in the Urban-Industrial Development of the Kanpur Region," for an AID-sponsored seminar in Kanpur, India, January-February, 1967.
2. Papers for the opening session of the United Nations conference for developing countries on Transport Coordination through Container

Freight, to be held in London, May 1967. Subjects of the reports include "The Relation of Transport to Improvement in Living Conditions" and "The Implications of Transport Innovation for Developing Nations."

3. A summary of the five-year AID program at Brookings, to be presented as part of the transportation program of the Centennial of the American University at Beirut, May 1967.

For reference purposes, a complete list of TRP studies is attached.

Studies of Transportation and Economic Development  
Brookings-AID Program

Wilfred Owen, Strategy for Mobility: Transport for the Developing Countries

Gary Fromm (ed.), Transport Investment and Economic Development

Edwin T. Haefele and Eleanor B. Steinberg, Government Controls on Transport: An African Case

Robert T. Brown, Transport and the Economic Integration of South America

George W. Wilson and Barbara R. Bergmann, Leon V. Hirsch, and Martin S. Klein, The Impact of Highway Investment on Development

Mahlon R. Straszheim, International Air Transport and Economic Development

Holland Hunter, The Soviet Transport Experience: Its Lessons for Other Countries

Clell G. Harral, Preparation and Appraisal of Transport Projects

Nuhad J. Kanaan, Structure of the Transport Network of Syria

Alan J. Abouchar, The Spatial Efficiency of the Soviet Cement Industry: 1927-1940

David A. Kendrick, Programming Investment in the Steel Industry

Paul O. Roberts, David Kresge, and others, The Macro-Economic Transport Simulation Model

Leon Moses and others, Labor Transport and Regional Development in Ghana

Alan R. Prest, Transport Pricing and Finance in Developing Countries

James R. Nelson, French Railway Pricing

Edwin T. Haefele (ed.), The Relation of Transport to Economic and Social Goals

Wilfred Owen, Transportation for India

John R. Meyer, Benjamin Cohen, J. F. Kain, Martin Wohl, and others, Evaluation of Transport Investments in the Context of Economic Development

Paul O. Roberts, Richard Soberman, Mahlon Straszheim, and others, Transport Systems and Technologies for Developing Countries

Donald S. Shoup, Ports and Economic Development

Armando M. Lago, Cost Functions for Intercity Highway Transport Systems in Developing Countries