

MEMORANDUM OF UNDERSTANDING
BETWEEN THE DEPARTMENT OF TRANSPORTATION
OF THE UNITED STATES OF AMERICA
AND
THE MINISTRY OF TRANSPORTATION
OF BRAZIL
CONCERNING RESEARCH COOPERATION
IN THE FIELD OF TRANSPORTATION

I. This Memorandum of Understanding between the Department of Transportation of the United States of America and the Ministry of Transportation of the Federal Republic of Brazil (hereinafter referred to as the Parties) outlines a program to achieve mutually advantageous cooperation in transportation research and development. The aim of the program will be to promote cooperation between the transportation specialists of the Parties in finding solutions to problems of mutual concern, and to improve transportation systems and techniques without the costly and wasteful duplication of parallel national efforts.

II. To realize the benefits of research cooperation pursuant to this Memorandum of Understanding the parties agree that:

(a) They will undertake to exchange information and develop research cooperation projects in such fields of transportation as are identified in paragraph III below or as may subsequently be agreed.

(b) Each research cooperation project will be the subject of a project agreement describing the information and experience to be exchanged, and setting forth the details of any cost-sharing or task-sharing involved. Such project agreements will become Addenda to this Memorandum.

(c) Specific activities in connection with this program will be contingent upon the availability of funds.

(d) To administer and facilitate this program, each Party will designate an appropriate official as its Program Coordinator. The Program Coordinators will be authorized by each Party to:

(1) Conclude project agreements;

(2) Provide a point of contact for the other Party in making detailed arrangements for program activity, and;

(3) Arrange for regular reviews of the status and achievements of the overall program and its component projects.

(e) Any conditions relating to technical documents, patents and other technical data and experience which restrict their use by the receiving Party or restrict their delivery to a third party shall be respected by the Parties.

III. The following have been identified as the initial areas of mutual interest:

(a) Urban Passenger Transportation (organization and operation; private sector involvement in the provision of urban public transportation; impacts of new rail transit lines; alcohol fuel usage)

(b) Railroad Transportation (railway cargo transportation planning; organization and operation; railroad bogies)

(c) Highway Transportation (organization and operation; techniques; environmental protection; safety; pavements for low volume roads at low costs; operating costs on various types of pavement surfaces and traffic conditions; in situ exploration of soils with various borehole devices)

IV. This Memorandum of Understanding will become effective upon signature and will remain in force until terminated by the Parties.

Done in Brasilia, in duplicate, in the English and Portuguese languages, this 29th day of March, 1984.



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for the
Department of Transportation
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United States of America



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for the
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