

MEMORANDUM OF COOPERATION
BETWEEN
THE DEPARTMENT OF TRANSPORTATION
OF THE UNITED STATES OF AMERICA
AND
THE DEPARTMENT OF ROAD TRANSPORT AND HIGHWAYS
(THE MINISTRY OF SHIPPING, ROAD TRANSPORT AND HIGHWAYS)
GOVERNMENT OF THE REPUBLIC OF INDIA
ON COOPERATION
IN TRANSPORTATION SCIENCE AND TECHNOLOGY

The Department of Transportation of the United States of America and The Department of Road Transport and Highways (The Ministry of Shipping, Road Transport and Highways), Government of the Republic of India (hereinafter referred to as "the Participants");

Recognizing that new developments in the field of transportation technology can make important contributions toward promoting, encouraging, and advancing safe, economical, efficient, and environmentally sound transportation systems; and

Desiring to promote scientific and technological cooperation and collaboration in the field of transportation have reached agreement as follows:

Article I

The Participants intend to undertake cooperation and collaboration in transportation science and technology on the basis of equality, reciprocity and mutual benefit.

Article II

The Participants intend that the cooperation and collaboration may include the following fields:

1. Surface transportation;
2. Intermodal transportation;
3. Safety transportation;
4. Transportation for the Mobility Disabled;
5. Intelligent Transportation Systems (ITS);
6. Other fields of mutual interest.

The Participants may identify specific projects for cooperation in transportation science and technology within the above-mentioned fields. Identification of areas of cooperation and their implementation may be made while paying due attention to the state of art of technology regarding such projects.

Article III

The Participants may pursue cooperation through one of the following methods:

1. Exchange of scientific and technical information on subjects of mutual interest;
2. Exchange of specialists, delegations, and scientific and technical personnel;
3. Joint organization of symposia, seminars, and other meetings;
4. Joint research in science and technology transportation; and
5. Other forums of cooperation as mutually agreed.

Article IV

With regard to the cooperative activities under this Memorandum, the Participants may allow, as appropriate, the participation of other relevant governmental agencies, researchers and organizations from all sectors of the research establishment, including universities, national laboratories, and the private sector.

Article V

In order to coordinate the cooperative activities, each Participant may designate a representative to be responsible for determining the particular directions of cooperation and for ensuring the effectiveness of exchange. The representatives of the Participants or their designated coordinators should, by correspondence, consult with each other and define the cooperative activities and other related matters. When necessary, they may meet to consider matters related to the implementation of this Memorandum.

Article VI

The cooperation is subject to the availability of funds and personnel.

Article VII

Specific cooperative projects and activities may be embodied in separate memoranda or plans between the Participants, which may cover the subject, procedures, and terms of cooperation to be undertaken, the entities involved, funding, and other appropriate matters related to the conditions of such cooperation.

Article VIII

The Participants may consult, as appropriate, in respect of any matter that may arise from, or in connection with, the Memorandum.

Article IX

Scientific and technical information of a non-proprietary nature derived from the cooperative activities conducted under the Memorandum may be made available to the public through customary channels and, in accordance with, the normal procedures of the Participants and other governmental entities involved in the cooperative activities.

Article X

Information transmitted by one Participant to the other under this Memorandum should be accurate to the best knowledge and belief of the transmitting Participant, but the transmitting Participant does not intend to warrant the suitability of such information for any particular use or application by the receiving Participant.

Article XI

The activities under this Memorandum should commence on the date of signature below. Either Participant may end its cooperation under this Memorandum at any time, but should attempt to provide sixty (60) days prior written notification to the other Participant. The Participants should endeavor to complete or continue specific activities then underway, if they so choose.

FOR THE DEPARTMENT OF
TRANSPORTATION OF
THE UNITED STATES OF AMERICA:

FOR THE DEPARTMENT OF ROAD
TRANSPORT AND HIGHWAYS
(MINISTRY OF SHIPPING, ROAD
TRANSPORT AND HIGHWAYS)
GOVERNMENT OF THE
REPUBLIC OF INDIA:



Date: April 14, 2005

*ANNEX TO THE MEMORANDUM OF COOPERATION ON ROAD TRANSPORT,
AND HIGHWAY SCIENCE AND TECHNOLOGY*

This annex to the Memorandum of Cooperation demonstrates the desire of our two countries to establish and maintain rigorous transportation science and technological cooperation work that will serve as an example to the rest of the world.

Desiring to move forward with the implementation of specific cooperative projects, we envisage the following, but not limited to, initial schedule of specific activities:

In the Area of Public Transportation

- In-house training program and US scanning tour for Indian public transport officials.
- Joint Bus Rapid Transit Conference.
- US/India workshop on public transportation for the disabled.
- Development of joint ITS transit project, exchange of personnel.

In the Area of Highways

Establish communications link between our road experts to develop a framework for exchanging technical information in the following areas as well as others of mutual interest:

- Sharing of information such as infrastructure financing, road safety and the use of intelligent transportation systems;
- Sharing of scanning reports which includes information learned by the Federal Highway Administration in conjunction with the American Association of State Highway Transportation Officials in response to high priority transportation needs in the United States.
- Share experience in developing our National Highway Trunk System; and
- Offer training courses at the FHWA's National Highway Institute according to an established fee schedule.