

## JOINT WORKSHOP SUCCESSFULLY HELD

ON 15<sup>th</sup>, 16<sup>th</sup> SEPTEMBER IN HANOI

In accordance with [the Memorandum of Cooperation signed in this May](#), Joint Workshop was successfully held by NILIM and ITST (Institute of Transport Science and Technology).

In this Joint Workshop, after 20 presentations made for mutual understanding and discussions, both institutes and the participants from the sister organizations, Public Work Research Institute (PWRI), Port and Airport Research Institute (PARI), including the JICA expert from Nippon Express Company-Central reached to the conclusion of the themed 5 technological fields to be enhanced in the cooperation of technology, training and exchange of information as below:



### (1) Road Pavements

/ Advanced technology in pavement construction (for new construction, upgrade and rehabilitation), including recycling method, strengthening the base layer of road and soft soil/pavement technologies relating to road maintenance (strategy and new technology for road maintenance such as: chip seal layer, micro surfacing layer) and environmental issues/effective pavement planning of Pavement Management System.

### (2) Traffic and Technology

/ Collection and analysis of road traffic data and their application to the development of road policies and measures/ ITS application for such areas as traffic survey, traffic control, and management of expressways/

(3) Road Environment

/ Noise reduction measures and Air Pollution protecting measures, in urban areas/  
climate change measures including low emission vehicles /

(4) Bridge and Tunnel

/ Materials and Structural solutions for bridge construction on weak ground/  
Advanced technologies for structure health monitoring in management of bridge  
system/ Development of database system for bridge management system/  
Technological control in construction of tunnel by NATM and TBM/ Monitoring,  
assessment and maintenance technology for tunnels/

(5) Port and Airport

/ Cooperative research on new technology and materials to implement Life Cycle  
Management of Port structures/

(International Research and Promotion Division)