

*The Project for Strengthening Capacity for Maintenance of Roads and Bridges*  
*Project News (June, 2016)*

Road Maintenance using IRI, Expert Training Program (June 8-10, 2016)

Routine road maintenance cycle using IRI (International Roughness Index) has been established in Cambodia in 2016. Accordingly, Maintenance Expert (ME) system has been introduced for improvement of road maintenance management capacities of MPWT officials. As a part of the capacity improvement, a 3-day training program for road inspections has been formulated. The training focuses on IRI-measurement-based road inspection and subsequent data sorting. The first ME training program was implemented by a JICA Expert on June 8 through 10, 2016. 2 MPWT officials, Mr. Hay Chandara and Sithy Panhavuth successfully passed the test.

Comparative measurement was conducted between RONDAS and DRIMS. The difference of the result (IRI) was confirmed less than 10% and applicable to verify road surface condition.

(Program)

Day-1: Lectures on IRI Measurement and DRIMS Operation with the trainer's instructions

Day-2: Lectures on Analysis for IRI estimation and DRIMS Operation with the trainer's instructions

Day-3: Lectures on Inspection Result Review and DRIMS Operation without the trainer's instructions



Fig.1 Lecture on DRIMS Operation



Fig.2 Installation of DRIMS Equipment into the Inspection Vehicle



Fig.3 DRIMS Operation in the Inspection Vehicle

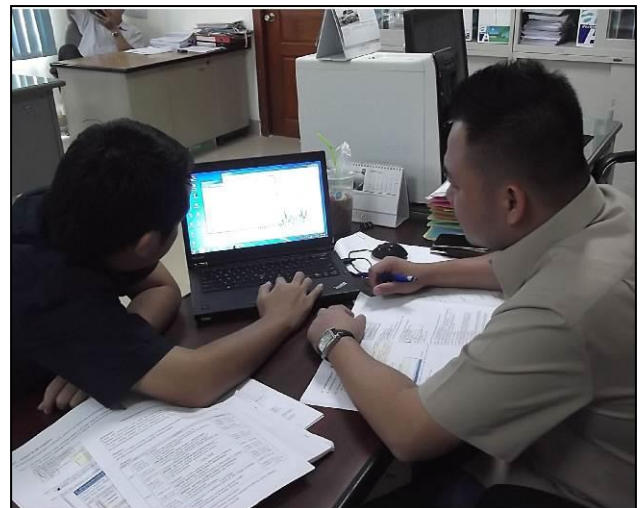


Fig.4 Analysis on Inspection Results