

## *MESSAGE*

The JICA Technical Cooperation Projects (JICA-TCP I, II & III) which is the **"Improvement of Quality Management for Highways and Bridges Construction and Maintenance"** was undertaken by the Japanese and Philippine government represented by **JICA** and **DPWH** respectively, with the overall objective of enhancing the technical capabilities of DPWH Engineers in all the Regional and District Offices including young engineers from the Central Office in order to improve the Road and Bridge Maintenance Works in DPWH.

The JICA-TCP I and II which covers the seven (7) pilot regions namely: **Regions II, III, VII, VIII, XI, XIII** and **CAR** were implemented successfully. Thus, JICA extended the same grant to DPWH for the continuation of its implementation of the said project under JICA-TCP III which already covers the whole Regional Offices. Pilot projects were identified and constructed utilizing state-of-the-art tools and equipment under the guidance of Japanese long-term and short-term experts and the DPWH engineers as counterparts for the technology transfer.

Under Phase III, the continuation in the implementation of pilot projects adopting Japanese Technology were undertaken, the latest of which are the use of **Anti-Rutting Asphalt (ARA)** in the deck slab and approaches of Diosdado Macapagal Cable Stayed Bridge in Butuan City and **High Strength Underwater Cure Three-Component Polymer Grout** in the repair of the bottom part of concrete footing which is underwater of the Old Mactan Bridge, Cebu City. More pilot projects are still to be undertaken under Phase III to include environmentally friendly slope protection measures.

The **JICA** experts together with **DPWH** counterparts were able to conduct **On-the-Job Training (OJT)** regarding the use of new products and new technologies in the pilot projects attended by DPWH construction, maintenance, quality control and planning and design engineers from pilot and non-pilot regions, which are still on-going activities. Said training will surely enhance the technical capability of DPWH Engineers.

In behalf of the JICA-TCP III management, I would like to express our sincere gratitude and appreciation to the Japanese government thru JICA (Philippine Office) in its effort to monitor the project as well as providing us the guidance and support to ensure proper implementation, and also to the DPWH Regional/District Offices for their support and cooperation in all the JICA-TCP activities.

  
**ARISTARCO M. DOROY**  
Director III, BOC  
Project Manager, JICA-TCP III