



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila

847.13 DPWH

04-28-2004

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DEPARTMENT ORDER

NO. **54**
Series of 2004 *04-28-04*

**SUBJECT: FULL INSTITUTIONALIZATION
OF THE ROAD AND BRIDGE
INFORMATION APPLICATION
(RBIA) AND RELATED ROAD AND
BRIDGE DATA COLLECTION
PROCEDURES**

The Road and Bridge Information Application (RBIA) is the official source of Road and Bridge Information. It has been implemented throughout the Department to enable road and bridge inventory and condition data to be updated by the Maintenance Divisions at the Regional Offices.

Consequently, it is now necessary that other obsolete systems that were involved with inventory and condition data, be discontinued to ensure that there is no duplication of effort in maintaining this information.

Effective immediately, the Road Information System (RIS) and the Road and Bridge Condition Rating Surveys being conducted by Bureau of Maintenance (BOM) shall be discontinued. These shall be replaced by those implemented under the RBIA and the Bridge Management System (BMS) applications (refer to DO 47 of Series 2004). In addition, priority and funding should be given to the collection of visual condition data and other specialized surveys (Roughness and Highway Imaging) under the RBIA and the Bridge Inspections described in DO 47 of Series 2004.

RIS and the Road Diagram and Bridge Lists (RDBLs) are information readily available in the RBIA. Resources that were previously allocated for the RIS, manual RDBLs and other related systems are now to be re-allocated to carry out the responsibilities described below. The RBIA Coordinator in the Regional Offices shall be assigned on a full-time basis for maintaining the RBIA.

All staff who have been assigned responsibilities for maintaining the RBIA must be given full access to designated computers that were previously distributed to respective offices.

Maintenance of data in the RBIA is the responsibility of the LRS/GIS, Inventory and Data Collection Administration Section (LRS/GIS, IDCAS), Infrastructure, Planning Research and Statistics Division (IPRSD), Planning Service, Regional Office Maintenance Divisions and District Offices. The roles and responsibilities of these offices includes but is not limited to:

LRS/GIS, IDCAS, IPRSD

- updating locational referencing and inventory information;
- maintaining the integrity of data in the RBIA;
- maintaining the geographic representation of the road network LRS;
- maintaining all electronic base map data in the Department;
- maintaining an inventory of all spatial (geographic) data in the Department;
- providing services as necessary to produce maps (hard copy and electronic) for other DPWH units;
- providing National, Regional and District Road Network Key Performance Indicators to meet user needs
- coordinating, designing and implementing training on the RBIA at a National level, and maintaining training documentation;
- overseeing the roles of the RBIA Regional Coordinators, particularly the monitoring of performance indicators for the RBIA from Region to Region; and
- maintenance and dissemination of procedural manuals.

REGIONAL OFFICES

- coordinating and supervising visual condition surveys and specialized surveys (including roughness and highway imaging) in the Region
- making inventory changes to the RBIA in the Region;
- supervision of bridge condition surveys in the Region;
- maintaining the integrity of data in the RBIA;
- coordination and loading of bridge condition survey data and updating of bridge inventory in the Regional Offices;
- supervising quality assurance procedures applied to District Survey Teams or contractors, (own staff and District Survey Teams or contractors); and
- developing the skills and knowledge of other staff, particularly the District RBIA Coordinators.

DISTRICT OFFICES

- maintaining the integrity of data in the RBIA;
- notification of physical changes which affect the LRS and Inventory records;
- producing information and reports;
- collection and quality assurance of visual condition survey data;
- liaison with District Survey Teams or Contractors undertaking special surveys;

Technical enquiries relating to the RBIA computer application should be directed to the Department's IT Help Desk (Telephone 304-3070). Any other enquiries relating to responsibilities or procedures should be addressed to the LRS / GIS, Inventory & Data Collection Administration Manager (Telephone 304-3470).

Any violation of these policies and procedures shall subject the erring employee or official to immediate sanctions that shall include relief, suspension



and/or dismissal in accordance with the Civil Service rules and regulations and other pertinent laws and regulations.

This Order shall take effect immediately and supersedes all previous Department Orders and other issuances or any provision thereof that are inconsistent herewith.



FLORANTE SORIQUEZ
Acting Secretary