



15 JUN 2016

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

097.13 DPWH  
06-16-2016

DEPARTMENT ORDER )  
NO. **124** )  
Series of 2016 )

**SUBJECT: Full Institutionalization of the Road and Bridge Information Application (RBIA) and Related Road and Bridge Data Collection Procedures**

In line with the Department's objective to implement procedures and applications to improve the efficiency and performance of DPWH, the Road and Bridge Information Application (RBIA) have been long adopted as 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 Regional Planning and Design Division in lieu of the Maintenance Division/Section at the Regional Offices and District Engineering Offices (DEOs), which were the original responsible offices assigned to undertake the said RBIA activities through Department Order (DO) No. 54, Series of 2004.

Wherefore, resources that were previously allocated on this system and other related systems/activities shall be continuously allocated to carry-out the responsibilities described below. **The Chiefs/Heads of the Planning and Design Divisions/Sections of the Regional/District Engineering Offices are to be held accountable and responsible for these planning applications in terms of maintaining data quality, keeping data updated, completeness of information and overall administration. Likewise, the designated RBIA Coordinators in the Regional Offices and District Engineering Offices shall be assigned on full-time basis for maintaining the RBIA and to ensure the effective implementation and sustainability of the system.**

Maintenance of thoroughly vetted data in the RBIA and the Locational Referencing System/GIS map is under the responsibility of the Road and Bridge Information Administration Section (RBIAS), and Geographical Information Administration Section (GIAS) of the Statistics Division (SD), Planning Service, and the Planning and Design Divisions/Sections of the Regional/District Engineering Offices. The roles and responsibilities of these offices include but are not limited to:

**RBIAS, SD, PS**

- maintains the integrity of data in the RBIA;
- oversees/monitors Regional RBIA and District Coordinators in conducting road inventory and condition surveys;
- conducts random field validation/spot-checking of road inventory data;
- conducts random site quality assurance on visual road condition assessment (RoCond);
- provides National, Regional and District Road Network Key Performance Indicators to meet user needs;
- coordinates, designs and implements training on the RBIA at a National level, and maintaining training documentation;
- oversees 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.

**GIAS, SD, PS**

- updates locational referencing system;
- maintains the geographic representation of the road network LRS;
- maintains all electronic base map data in the Department;
- maintains an inventory of all spatial (geographic) data in the Department;

- provides services as necessary to produce maps (hard copy and electronics) for other DPWH units.
- assists in conducting trainings on Geographic Information; and
- processes the conducted GPS survey data.

### **DEVELOPMENT PLANNING DIVISION (DPD), PS**

- maintains the integrity of bridge data in the RBIA;
- oversees the roles of the Bridge and Management System (BMS) Regional/District Coordinators in the supervision of bridge condition survey, analysis of bridge condition data and preparation of bridge major maintenance and network development programs.

### **REGIONAL OFFICES**

- coordinates and supervises the conduct of visual condition surveys and specialized surveys (including roughness, automated road condition assessment, and highway imaging) in the Region (a month after completion of project);
- makes inventory changes to the RBIA in the Region;
- supervises the conduct of bridge condition surveys in the Region;
- maintains the integrity of data in the RBIA
- coordinates the loading of bridge condition survey data and updating of bridge inventory in the Regional Offices;
- supervises quality assurance procedures being applied to the data collected by District Survey Teams or contractors; and
- develops the skills and knowledge of other staff, particularly the District RBIA Coordinators.

### **DISTRICT OFFICES**

- maintains the integrity of data in the RBIA;
- collects physical changes that affect the LRS and Inventory records;
- produces information and reports;
- performs visual condition survey and quality assurance on the collated condition data; and
- liason with District Survey Teams or Contractors undertaking special surveys.

**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 Department Order (DO) No. 54 and other issuances or any provision/portions thereof that are inconsistent herewith.

  
**ROGELIO L. SINGSON**  
Secretary

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Office of the Secretary



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