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**REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
MANILA**

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DEPARTMENT ORDER

No. **190** *07-08-03*
Series of **2003**
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SUBJECT: Implementation of the Road and Bridge Information Application (RBIA)

In line with the Department's objective to implement procedures and applications to make comprehensive, accurate and up-to-date road and bridge information available throughout all parts of DPWH, the Road and Bridge Information Application (RBIA) is to be adopted as the official source of Road and Bridge Information. The RBIA shall replace other systems, which are currently maintaining data sets of road network location, inventory and condition data.

The policies to be adopted in relation to the implementation of the RBIA include, but are not limited to:

1. The RBIA is to be the official source of road and bridge information;
2. Road and bridge data maintained by the RBIA shall be of an acceptable quality.

Data maintenance activities within the RBIA include, but are not limited to:

1. Updating the road network Locational Referencing System (LRS);
2. Updating Inventory Information; and
3. Recording Condition data from Road and Bridge Surveys.

The procedures described in the "Road Network Definition Manual and Inventory Update" and the "Road Data Collection, Quality Assurance and Management Manual" shall be strictly followed in the management of the data.

Responsibility for maintenance of the data in the RBIA shall be delegated to 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 shall include but not be 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 road condition surveys in the Region
- implementing survey data 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;

Implementation of the RBIA as the official source of road and bridge information shall be effected through a phased strategy as detailed below:

Phase 1: Pilot RBIA in IPRSD, Bureau of Maintenance (BOM) and Regional Offices No. III and VII between April and July 2003.

Phase 2: Full Implementation of RBIA in all Regional Offices and District Offices between 14 July 2003 to October 2003.

Upon full implementation this system shall replace the Road Information System (RIS).

This order shall supersede all previous Department Orders and other issuances or portions thereof inconsistent herewith, and shall take effect upon completion of training in each Regional Offices.


FLORANTE SORIQUEZ
Acting Secretary