



Republic of the Philippines
Province of Leyte
MUNICIPALITY OF MAYORGA

POST-ACTIVITY REPORT

I. GENERAL INFORMATION:

Activity Title	Training on Local Roads and Bridges Inventory (LRBI) for Local Government Units
Date	September 1–3, 2026
Venue	Summit Hotel, Tacloban City
Resource Speakers	1. Engr. Maite L. Alfante-Donasco 2. Mr. Daryl S. Silvio, DILG 8 PDMU 3. Mr. Jan Niño Villacorte, DILG 8 PDMU
Participants	• Personnel directly involved in engineering, planning, GIS, or LRBIS data management in selected LGUs. • Participants from Mayorga: Engr. Edralin L. Jocson (Engineer II) and EnP John Rey C. On (Project Development Officer IV)

II. BACKGROUND:

The three-day intensive training course aimed to augment the technical capabilities of Local Government Units (LGUs) in implementing and navigating the Local Roads and Bridges Inventory System (LRBIS). Organized by DILG Region VIII, the programmatic tracks focused heavily on standardized data collection templates, spatial engineering via Geographic Information Systems (GIS), structural feature verification, and long-term regulatory compliance framework updates. The gained technical workflows ensure that LGU Mayorga can systematically manage, digitize, and validate local road network infrastructure registries seamlessly.

III. OBJECTIVE:

This day activity aims to:

- a. Familiarize participants with the features and functions of the LRBIS;
- b. Provide hands-on training on the encoding, updating, and validation of road and bridge inventory data;
- c. Improve the quality, completeness, and accuracy of submitted LRBIS reports; and
- d. Promote timely updating of local infrastructure data to support planning, programming, monitoring, and decision-making.

IV. HIGHLIGHTS OF THE ACTIVITY

Day 1: Theoretical Background and Physical Inventory Foundations.

The primary focus of the first day was establishing a programmatic base-level understanding of the physical parameters and legal reporting rules governing local transit infrastructure.

Following the initial Arrival, Registration, and Opening Preliminaries, a formal Welcome Message was delivered to the body by Arnel M. Agabe, CESO III (DILG Regional Director).

This was directly succeeded by a diagnostic Pre-Test administered to the participants and a comprehensive orientation regarding the overall mechanics of the instructional program.

Module 1: Introduction and Background:

Facilitated by Engr. Maite L. Alfante-Donasco, this block explicitly broke down the Salient Features of the Local Roads and Bridges Inventory (LRBI) Program. Crucial focus was placed on the administrative guidelines regulating the strict periodicity of local infrastructure data submissions, systemic update rhythms, and localized bridge statistics publication rules.

Module 2: Elements of Physical Inventory:

Spanning the entire afternoon block, Engr. Maite L. Alfante-Donasco re-engaged the participants to delineate specific local road and bridge structural attributes. The module heavily emphasized the precise handling of standard Local Roads and Bridges Inventory Forms, step-by-step database encoding workflows, and immediate user registration configurations for active RBIS electronic cloud accounts.

Day 2: GIS Spatial Engineering and Technical Workshops.

Day 2 focused on localized geographic data digitization, vector generation, and hands-on application training.

Module 3: GIS Components of RBIS:

The morning technical sequence was co-led by Daryl S. Silvio and Jan Niño Villacorte (DILG 8 PDMU / Resource Persons). The instructional blocks walked the participants through the core geographic mechanics of the database platform, with targeted exercises focusing on the Creation of Vector Layers and the technical Preparation of Shapefiles required for error-free system uploading.

Practical GIS Workshop:

The entire afternoon block was converted into an interactive laboratory environment. Participants executed localized vector mapping and layer creation assignments. The intensive workshop concluded with a comprehensive Presentation and Critiquing of Outputs moderated by Jan Niño Villacorte, troubleshooting systemic geometric layout flaws.

Day 3: Platform Validation, Strategic Planning, and Formal Closure.

The final track moved from software application layoutting to data validation operations, strategic roll-out forecasting, and official program certification.

Module 4: Overview of the RBIS:

Led by Daryl S. Silvio, this tracking block provided an operational walkthrough of the primary software shell. It prioritized the methods required for real-world Data Encoding and Systemic Validation protocols.

Technical Workshops and Active Data Encoding:

The training group transitioned into an active production session dedicated to the Data Encoding of LGUs' Roads and Bridges Inventory. This gave participants real-time workspace exposure to inputting their actual local asset registers into the system registry under the direct guidance of the Training Management Team.

Action Planning & Strategic Enhancements:

The post-lunch schedule concentrated heavily on the collective sharing of optimization feedback to improve real-world platform utility. Participants subsequently drafted

localized Action Plans setting deadlines for completing their respective corporate municipal road profiles.

Closing Ceremonies:
The final program blocks verified technical proficiency through a comprehensive Post-Test and systematic training module evaluations. The event culminated with the formal Awarding of Certificates of Completion to the certified municipal representatives.

VI. RECOMMENDATIONS

- In view of the discussions and activities conducted, the following are recommended:
- a. Immediate Local Rollout: It is highly recommended that the trained personnel host a brief technical orientation for the rest of the MEO and MPDC technical staff to harmonize local measurement data collection.
 - b. Hardware and Software Provisions: Ensure that the technical staff responsible for vector layout updates are provided with specialized computing hardware capable of running heavy GIS software seamlessly.

VII. PHOTO DOCUMENTATION



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