



JAN 18 2024

DEPARTMENT ORDER)

**SUBJECT: Revised Guidelines on Load Posting
of Bridges**

No. 08)

Series of 2024

dr 1/22/24

As a means of preserving our bridges along national roads up to their design life, and in order to prevent their premature deterioration and damage or preclude any risk of collapse due to truck overloading, the following guidelines are hereby issued for implementation and compliance of all concerned:

1. The Regional Office concerned shall conduct condition inspection of bridges in their area of responsibility and shall be responsible in the determination of the live load capacity as well as its posting;
2. Load Rating (load capacity determination) shall be required for all bridges exhibiting progressive or advanced stage of deterioration, bridges damaged by calamities and bridges that have been rated as being in poor or bad condition based on data from the Bridge Management System (BMS) as per result of the latest actual condition inspection conducted by the Regional or District Office as deemed necessary;
3. All derated permanent bridges along national roads shall be provided with the informative sign on live load limit for two (2), three (3), four (4), five (5), and six (6) axle vehicles to be posted on conspicuous place 5.0m to 15.0m before the abutment at both approaches;
4. As a guide and to have uniform procedure and parameters in the determination of the live load limits, the Manual for Load Rating of Bridges (MLRB), 3rd Edition issued per D.O. 94 Series of 2014 shall be used. The additional load rating program for load capacity determination and load posting for four (4) and six (6) axle vehicles may be downloaded from the DPWH Intranet (<http://dpwhnet>) under Bureau of Design – Load Rating Program;
5. For other types of bridges not included in the MLRB User's Manual, the determination of the live load capacity shall be done by using any appropriate method for reinforced concrete or steel structures, as the case may be, but should also conform to the current DPWH and AASHTO Standard Specifications;
6. All posted live load limit signages shall be verified/updated whenever defects/damages on the main members of the superstructure are observed, or when previously noted deterioration progresses;

7. The live load limit signs shall be in accordance with the attached standard plan (*Annex "4"*) as adopted from the MLRB.

This Order amends Department Order No. 39 series of 2016 and shall take effect immediately..


MANUEL M. BONOAN
Secretary

5.1 BSR/LLL/DLB/MGM/AGC

Department of Public Works and Highways
Office of the Secretary



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