

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

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 12-08-2015

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DEPARTMENT ORDER)
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 NO. **180**)
 Series of 2015)

SUBJECT: LRFD BRIDGE SEISMIC DESIGN SPECIFICATIONS 1st EDITION, 2013

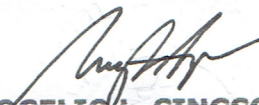
The DPWH LRFD Bridge Seismic Design Specifications (BSDS) has been prepared to address the issue in the reliability of our transport infrastructures, such as bridges, in times of natural disasters. The destructive effects on public and private infrastructure of recent large-scale earthquakes demonstrate the need to update our design guidelines.

In line with the BSDS is the implementation of the DPWH Design Guidelines, Criteria and Standards (DGCS) 2015 edition Volume 5-Bridges Design, which adopts the use of the Load and Resistance Factor Design (LRFD) approach in design for construction, repair and retrofitting of highway bridges and other related highways structures. The DGCS Volume 5 presents a significant change from the 1984 guidelines, adapting to the industry's standards in the design for public infrastructure and local requirements such as geotechnical, geological and seismologic condition.

The BSDS, prepared under the Japan International Cooperation Agency (JICA) Project for Study on Improvement of Bridges through Disaster Mitigating Measures for Large-Scale Earthquakes in the Republic of the Philippines is hereby prescribed for implementation by all Regional Offices and District Engineering Offices, Bureau of Design and Project Management Offices of the Department and its Consultants, in the preparation of design and detailed engineering documents of various infrastructure projects.

A one-year transition period is given for the adaptation and familiarization on the new guidelines, criteria and specifications. After this transition period, the use of the DGCS and BSDS in all concerned Offices is mandatory.

This Order shall take effect immediately.


ROGELIO L. SINGSON
 Secretary

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 Office of the Secretary



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