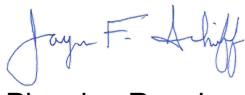


Illinois Department of Transportation

Memorandum

To: ALL BRIDGE DESIGNERS 24.1
From: Jayme F. Schiff 
Subject: IDOT Seismic Manual Update – Planning Requirements
Date: January 9, 2024

All Bridge Designers (ABD) Memorandum 24.1 introduces the Planning section to the [Seismic Manual](#). The planning policies herein shall be applicable to all structures being designed using a displacement-based design approach.

The Department is adopting a displacement-based approach, with performance guidelines. The Planning section provides guidance to bridge planners on performance levels, seismic hazards, and structure type selection for bridges in high seismic zones.

The policy and details herein are subject to review. The Seismic Manual is intended to provide direction and documentation for all forthcoming seismic policy. Bridge planners are encouraged to review the forthcoming policy and forward any questions or comments to the Bureau of Bridges and Structures. Incorporation of comments will occur when future sections are added.

The Department intends to incorporate displacement-based seismic design on bridges with Type, Size, and Location plans approved February 1, 2024 and later. Due to the amount and complexity of required design changes, and the effects these changes may have on preliminary design, this date may be extended on a project-by-project basis.

Please direct questions and comments to Mark Shaffer, Bridge Design Engineer, by telephone at (217) 782-2125 or email at mark.shaffer@illinois.gov.