

IOWA DEPARTMENT OF TRANSPORTATION

To Office: Bridges & Structures

Date: August 27, 2002

Attention: All Employees

Ref. No.: 521.2

From: Gary Novey

Office: Bridges and Structures

Subject: MM No. 72 (Application of Wind Load to Substructure)

For typical girder and slab bridges the AASHTO specifications permit use of simplified loads for wind on superstructure and wind on moving live load [AASHTO-I 3.15.2.1.3]. In the new release of the Office Design Manual (Article 6.6.2.6), the Office policy was changed to extend use of the simplified loads to span lengths of 140 feet (42.670 m). For span lengths greater than 140 feet (42.670 m) the designer shall use the more precise AASHTO loading [AASHTO-I 3.15.2.1.1]. This policy should be used on new projects that have not been designed.

GAN:DGB:jw