

IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures Date October 1, 2008
Attention All Employees Ref No. 521.1
From Gary Novey
Office Bridges and Structures
Subject Revision of the English Bridge Standards 1049, 1050A, 1056, and 1058
(CADD M0120)

Electronic copies are available in the following Office of Bridges and Structures standard directory **W:\Highway\BridgeStandards\Bridges** and on the Internet:

<http://www.dot.state.ia.us/bridge/standard.htm>

The following standards have been revised: English Bridge Standards 1049, 1050A, 1056, and 1058.

- 1049 standard
The Crash Cushions were moved toward the centerline of roadway to allow Contractor access on the shoulder's edge.
- 1050A standard
 1. Estimating the number of sections was changed, which will allow this layout to be used for all traffic situations and on any bridge width.
 2. The designer will calculate the number of TBR sections based on traffic lanes and bridge width and still allow Contractor access on the shoulders.
- 1056 and 1058 standards
 1. The Steel Temporary Barrier Rail Notes were revised to reference Road Standard (RE-89) for details of the steel TBR sections.
 2. The Reflector notations were changed to Marker notations.
 3. The Crash Cushions were moved toward the centerline of roadway to allow Contractor access on the shoulder's edge.
 4. The Estimated Quantities bid item for Crash Cushions was added and the Temporary Attenuators bid item was removed.
 5. A note directing the designer to calculate the number of tapered sections needed based on traffic lane and bridge width was added.

These revised standards should be used on all new projects where required. If you have any questions, please check with Thayne Sorenson or Dean Bierwagen.

GAN/dgb/bj