

IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures Date November 1, 2012
Attention All Employees Ref No. 521.1
From Gary Novey
Office Bridges and Structures
Subject Revision of the English Deck Rail Standards 1026s1 & 1026s2.
(CADD M0298)

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

<http://www.iowadot.gov/bridge/standard.htm>

- Standard 1026s1 has been revised:
 - A note has been added to define the minimum temperature range when installing the Neoprene Gland.
 - The TABLE OF APPROVED EXPANSION DEVICES has a column added for the minimum opening when installing the steel extrusions. The minimum extrusion opening is based on each manufacturer's recommendations which is stated in the BRIDGE DESIGN MANUAL in TABLE 5.8.3.2.1-1.
 - The contents of the STAGE CONSTRUCTION NOTES, which were outside of the border, have been moved to the 1026s2 Standard and renamed to FIELD CONSTRUCTION NOTES.
- Standard 1026s2 has been revised:
 - The STEEL EXTRUSION NOTES were changed to remove the staged splice information and the 22 foot maximum extrusion length before fabrication. The curb plates and their anchorages, which are to be galvanized, have been added to these notes.
 - FIELD CONSTRUCTION NOTES were added to this sheet.
 - The NEOPRENE GLAND NOTES were changed. The contractor shall install the gland when the minimum underside deck temperature is 45 degrees or greater and meets the manufacturer's minimum recommended opening.

For any questions, please check with Stuart Nielsen or Thayne Sorenson.

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