

**IOWA DEPARTMENT OF TRANSPORTATION**

To Office Bridges and Structures Date March 1, 2012  
Attention All Employees Ref No. 521.1  
From Gary Novey  
Office Bridges and Structures  
Subject Release of Standard 1047 (Culvert Extension Details).  
(CADD M0250)

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>

Release of Standard 1047.

- This standard is used to show the concrete transition adjoining a new box culvert to an existing structure when the barrel dimensions do not match.
- This standard also shows the parapet details at the outlet barrel end section when the culvert outlet is a flume chute.

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

GAN/ssn