

**IOWA DEPARTMENT OF TRANSPORTATION**

To Office Bridges and Structures Date May 1, 2013  
Attention All Employees Ref No. 521.1  
From Gary Novey  
Office Bridges and Structures  
Subject Revision of English Signed Triple Culvert Standards.  
(CADD M0316)

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>

The revision of the TRH 0-4-12, TRH 15-6-12, TRH 30-6-12, & TRH 45-6-12 Culvert Standards.

- TRH 0-4-12 – The dimension locating the first 4c2 bar was changed from 19'-0 to 21'-0 on the TYPICAL VIEW – FRONT FACE REINFORCING detail.
- TRH 15-6-12 – The bar mark 6c3 was changed to 6c13 on the TYPICAL VIEW – BACK FACE REINFORCING LONG WINGWALL detail.
- TRH 30-6-12 –
  - The dimension locating the first 5c12 bar was changed from 6'-6 to 5'-6 on the TYPICAL VIEW – BACK FACE REINFORCING SHORT WINGWALL detail.
  - The dimension locating the first 4c3 bar was changed from 24'-0 to 29'-0 on the TYPICAL VIEW – FRONT FACE REINFORCING LONG WINGWALL detail.
  - The bar mark 6c3 was changed to 6c13 on the TYPICAL VIEW – BACK FACE REINFORCING LONG WINGWALL detail.
  - The dimension locating the first 6c13 bar was changed from 16'-0 to 19'-0 on the TYPICAL VIEW – BACK FACE REINFORCING LONG WINGWALL detail.
- TRH 45-6-12 –
  - The dimension locating the first 4c4 bar was changed from 21'-0 to 24'-0 on the TYPICAL VIEW – FRONT FACE REINFORCING SHORT WINGWALL detail.
  - The dimension locating the first 5c12 bar was changed from 6'-6 to 4'-6 on the TYPICAL VIEW – BACK FACE REINFORCING SHORT WINGWALL detail.
  - The dimension locating the first 6c13 bar was changed from 14'-0 to 16'-0 on the TYPICAL VIEW – BACK FACE REINFORCING SHORT WINGWALL detail.

- The dimension locating the first 4c3 bar was changed from 24'-0 to 40'-0 on the TYPICAL VIEW – FRONT FACE REINFORCING LONG WINGWALL detail.
- The dimension locating the first 5c11 bar was changed from 9'-6 to 15'-6 on the TYPICAL VIEW – BACK FACE REINFORCING LONG WINGWALL detail.
- The bar mark 6c3 was changed to 6c13 on the TYPICAL VIEW – BACK FACE REINFORCING LONG WINGWALL detail.
- The dimension locating the first 6c13 bar was changed from 16'-0 to 26'-0 on the TYPICAL VIEW – BACK FACE REINFORCING LONG WINGWALL detail.

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