

**Bell, Tammi [DOT]**

---

**From:** Bell, Tammi [DOT]  
**Sent:** Wednesday, January 23, 2008 7:37 AM  
**To:** Bell, Tammi [DOT]  
**Subject:** Different DS for Bridge Floor Over-Depth Repair and Overlay

**TO:** County Engineers, City Representatives, and Consultants  
 Tammi Bell Iowa DOT - Local Systems tammi.bell@dot.iowa.gov

**CC:** District Local Systems Engineers, Service Bureau,  
 Office of Contracts, and Office of Local Systems

**FROM:** Office of Local Systems

**SUBJECT:** Different DS for Bridge Floor Over-Depth Repair and Overlay

**DATE:** January 23, 2008

In response to some contractor concerns with the Development Specification DS-01111, the Specification Committee made some changes that are reflected in the DS-01114.

As noted in our November 28, 2007, e-mail there are many Local Public Agencies doing more bridge deck overlays and to use federal bridge funds, they must either test the deck for chlorides and remove all contaminated concrete or just remove all deck concrete down to within ¼ inch of the top mat of reinforcing steel.

The new DS provides for a target of ¼ inch +/- ¼ inch and the means to determine the concrete cover thickness over the top mat.

DS-01114, "Developmental Specification for Bridge Floor Over-Depth Repair and Overlay" is available on-line at:

[http://www.dot.state.ia.us/specifications/dev\\_specs/DS-01114.pdf](http://www.dot.state.ia.us/specifications/dev_specs/DS-01114.pdf)

The bid items for this work are:

Item Code	Description	Unit	Spec
English			
2413-0698040	BRIDGE FLOOR OVER-DEPTH OVERLAY (CLASS O PCC)	SY	DS
2413-0698050	BRIDGE FLOOR OVER-DEPTH OVERLAY (CLASS HPC-O PCC)	SY	DS
2413-0698080	BRIDGE FLOOR REPAIR, CLASS A, SPECIAL	SY	DS
Metric			
2413--000140	BRIDGE FLOOR OVER-DEPTH OVERLAY (CLASS O PCC)	M2	DS
2413--000150	BRIDGE FLOOR OVER-DEPTH OVERLAY (CLASS HPC-O PCC)	M2	DS
2413--001110	BRIDGE FLOOR REPAIR, CLASS A, SPECIAL	M2	DS

Please reference DS-01114 and use the appropriate bid items when you

propose to let a project that will remove the entire deck down to a target of ¼ inch to the top mat. The existing depth to the top mat should be shown in the plans and if the overlay includes a raise in the elevation of the roadway surface, it should also be shown in the plans.

**Please do not hit the reply option in your e-mail note.**

Thanks

Larry Jesse  
Office of Local Systems  
515-239-1291  
[larry.jesse@dot.iowa.gov](mailto:larry.jesse@dot.iowa.gov)

Note: Documents are in Adobe Acrobat's pdf format. If you do not have the Adobe Acrobat Reader software, you can download it free of charge at <http://www.adobe.com/products/acrobat/readstep.html>.

Mailings are available at the Local Systems Weekly Mailing web address [http://www.iowadot.gov/local\\_systems/mailing/main\\_mailing.htm](http://www.iowadot.gov/local_systems/mailing/main_mailing.htm)