

Bell, Tammi [DOT]

From: Bell, Tammi [DOT]
Sent: Thursday, January 03, 2008 9:02 AM
To: Bell, Tammi [DOT]
Subject: Bridge Inspection and Maintenance Training

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

CC: District Engineers, District Local Systems Engineers,
Office of Construction, Office of Bridge and Structures,
Service Bureau, and Office of Local Systems

FROM: Office of Local Systems

SUBJECT: Bridge Inspection and Maintenance Training

DATE: January 3, 2008

This note is a "heads up" about training that the Iowa DOT and ISU/CCEE are arranging for early 2008. You can learn more by reviewing the [training announcement](#) from Jim Cable. We will send out further details when we receive them from Jim.

If you have any questions, you should contact Jim using his e-mail or phone number in the attached announcement.

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

Thanks

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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

To: County Engineers
City Engineers
Consulting Engineers
Iowa DOT Bridge Engineers

December 29, 2007

From: Jim Cable P.E.

Subject: BRIDGE INSPECTION AND MAINTENANCE TRAINING

The Iowa DOT and ISU/CCEE are trying to schedule a series of bridge related NHI courses that will **begin in early February and end in Mid April, 2008. Each is scheduled to be taught in Iowa only once in 2008 and only if sufficient numbers of students (20) can be found for each course.** The courses are the following:

1. ***Fracture Critical Inspection Techniques for Steel Bridges*** (3.5 days) – City and County Engineers and Consulting Engineers in design, maintenance and operations are encouraged to attend this one.
2. ***Bridge Inspection Refresher Training*** (3 days) – Check the date you passed the two week course in bridge inspection. If it is currently greater than five years ago or will be five years in 2008, you should plan to attend this course to remain certified.
3. ***Engineering Concepts for Bridge Inspectors*** (5 days) – Any persons who plan to become a certified inspector and do not hold an engineering license must take this course to meet Iowa requirements in this area.
4. ***Countermeasure Design for Bridge Scour and Stream Instability*** (2.5 days) - This especially designed to meet the needs of County Engineers and Consulting Engineers who are involved in the design and construction of scour countermeasures and comes from requests by County Engineers in Iowa.
5. ***Safety Inspection of In Service Bridges*** (10 days) – This is the required course for engineers and technicians to become a certified bridge inspector in Iowa and for FHWA purposes. All non engineers must be able to show that they have successfully completed the five day course in Item 3 prior to attending this course.

These courses are a direct result of a meeting this week with representatives of the Iowa DOT Office of Bridge Maintenance for the purpose of identifying training needs for 2008. This meeting is the result of **three events that directly affect your bridge operations and inspection qualifications.** Those events are the following:

1. In depth record inspections by the Office of Bridge Maintenance and resulting noncompliance in the areas of inspector qualifications and training and insufficient records of inspections.
2. The fall of the I-35 bridge in Minnesota and the resulting federal emphasis on bridge inspections and records of actions taken to improve structurally or functionally deficient bridges
3. The need to continue to conduct refresher training for engineers on a five year basis.

If you have questions, contact Jim Cable directly at 515-292-5042 or jkable@iastate.edu