

Bell, Tammi [DOT]

From: Bell, Tammi [DOT]
Sent: Thursday, September 24, 2009 4:23 PM
To: Bell, Tammi [DOT]
Subject: September Research Seminar

TO: County Engineers and City Representatives
tammi.bell@dot.iowa.gov

CC: District Local Systems Engineers, Service Bureau
Mary Starr, and Office of Local Systems

FROM: Office of Local Systems

SUBJECT: September Research Seminar

DATE: September 24, 2009

The following is being sent on behalf of Iowa DOT Research and Technology Bureau. If you have any questions, **please do not reply to this note**. Instead, you may contact the person shown below.

The Iowa Department of Transportation's (Iowa DOT) Research and Technology Bureau is pleased to share program highlights from its September 21, 2009, Research Seminar. Held every few months, the seminars provide an opportunity for Iowa DOT employees to learn about important research being done by the Department.

Now, you can review PowerPoint and video presentations online from these informative Research Seminars for implementation into your own projects. To View Videos and Review Presentation, copy & paste the following into your Browser:

<http://www.iowadot.gov/operationsresearch/researchseminars.aspx>

This latest Research Seminar presented by Dean Bierwagen, Iowa DOT Office of Bridges and Structures is now online:

PRESENTATION: REVIEW OF IOWA'S EXPERIENCE WITH UHPC (ULTRA HIGH PERFORMANCE CONCRETE)



ABSTRACT

Iowa has been involved with design, casting and testing of Ultra High Performance Concrete (UHPC) since 2003.

Working with FHWA, Iowa State University and LaFarge North America, Iowa DOT and county

engineers in Wapello and Buchanan Counties have designed and constructed two highway bridges using UHPC.

A single span UHPC prestressed beam bridge was constructed first in Wapello County, Iowa (2005). The second UHPC bridge used an optimized PI girder (developed by FHWA) and was completed in Buchanan County, Iowa (2008). This presentation gives a general overview of the experience with UHPC that Iowa has gained from testing, casting, constructing, load testing and monitoring of these two bridges.

If you have any questions regarding Research Seminars, contact Ed Engle, edward.engle@dot.iowa.gov.

For project information, contact Dean Bierwagen at

dean.bierwagen@dot.iowa.gov.

for more project information copy and paste the following into your Browser:

www.iowadot.gov/bridge/ibrcibrd_research.htm

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www.iowadot.gov/operationsresearch/default.html



Some of the documents referenced above are in Adobe Acrobat's Portable Document Format (PDF). 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 Office of Local Systems Weekly Mailings web page at:

http://www.iowadot.gov/local_systems/mailing/main_mailing.htm