

**From:** [Nordholm, Gail \[DOT\]](#)  
**To:** [Nordholm, Gail \[DOT\]](#)  
**Subject:** Oden Enterprises Precast Concrete Deck Panels  
**Date:** Tuesday, November 09, 2010 8:20:33 AM

---

**TO:** County Engineers, City Representatives, and Consultants

[charlie.purcell@dot.iowa.gov](mailto:charlie.purcell@dot.iowa.gov)

**CC:** Eric Souhrada, Office of Bridges and Structures, District Local Systems Engineers, Service Bureau and Office of Local Systems

**FROM:** Office of Local Systems

**SUBJECT:** Oden Enterprises Precast Concrete Deck Panels

**DATE:** June 9, 2009

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

\* \* \* \* \*

The Office of Bridges and Structures held a meeting with Oden Enterprises from Wahoo, Nebraska in regards to the Local Systems memo that was sent out on February 4, 2009 addressing the use of precast concrete deck panels. Oden Enterprises is making plans available to local bridge owners that have utilized these precast concrete deck panels on their bridges.

For more details regarding access to these plans, refer to the following letter from Speece-Lewis Engineers:

[http://www.iowadot.gov/local\\_systems/mailing/2009/june/souhrada\\_letter.pdf](http://www.iowadot.gov/local_systems/mailing/2009/june/souhrada_letter.pdf).

If you have any questions pertaining to this issue, you may contact me.

Eric D. Souhrada, P.E.  
Field Engineer  
Bridge Maintenance and Inspection Unit  
Office of Bridges and Structures

515-233-7720

[Eric.Souhrada@dot.iowa.gov](mailto:Eric.Souhrada@dot.iowa.gov)

\* \* \* \* \*

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](http://www.iowadot.gov/local_systems/mailing/main_mailing.htm)



3534 South 48<sup>th</sup> Street, Suite 4

Lincoln, NE 68506

Phone (402) 483-5466  
Fax (402) 483-1722

May 18, 2009

Mr. Eric Souhrada  
Office of Bridges and Structures  
Iowa Department of Transportation  
800 Lincoln Way  
Ames, IA 10010

RE: Oden Precast Concrete Deck Slab  
Oden Precast Channel Beam Units  
Oden Enterprises, Wahoo, Nebraska

Dear Mr. Souhrada:

It is our understanding that to be full in compliance with the National Bridge Inspection Standards, the Iowa Department of Transportation is requiring that all bridge owners maintain a current and complete set of load rating calculations in the bridge folder for all bridges to include complete plan sets and a complete record of the determination of the bridges load carrying capacity in accordance with the AASHTO Manual.

Oden Enterprises, Inc. has manufactured and supplied the Precast Concrete Deck Slabs to numerous Iowa Counties since 1993. Unless specifically requested by the County, design plans/shop plans and load rating calculations for the Iowa trucks may not have been furnished to the County. After 2005, plan drawings/shop plans, if furnished, may not have shown the internal steel reinforcement.

Oden Enterprises, Inc. has manufactured and supplied the Precast Concrete Channel Beam Units to numerous Iowa Counties since 2005. Unless specifically requested by the County, design plans/shop plans and load rating calculations for the Iowa trucks may not have been furnished to the County. Any design plans/shop plans that were furnished did not show the internal steel reinforcement.

In order to assist their clients in fulfilling NBIS compliance requirements, please advise all Iowa Counties that if requested in writing, Oden Enterprises, Inc. will furnish the following:

- Design plans/shop plans for the concrete deck slab or precast channel beam units which show the reinforcing steel for a specific beam length.
- Load rating calculations for the 7 Iowa trucks.

The documents that will be provided to the Counties contain information that is proprietary to Speece-Lewis, Inc. and Oden Enterprises, Inc. These documents and information shall not be disclosed or used except as authorized by written consent of Speece-Lewis, Inc. and Oden Enterprises, Inc.

Unauthorized use of these drawings, load ratings and design details will be reported to the Iowa Department of Commerce, Professional Licensing and Regulation and will be legally prosecuted.

Mr. Eric Souhrada  
May 18, 2009  
Page 2

The Counties should address their requests to:

Attention: Larry Lewis  
Speece-Lewis Engineers  
3534 South 48<sup>th</sup> Street, Suite 4  
Lincoln, NE 68506

Data furnished with the request should include:

If no plans or load ratings have been previously furnished to the County:

- Name of County.
- Type of Unit.
  - (Precast Deck Slab)
  - (Precast Channel Beam Unit)
- Length of Unit.
- Distance centerline to centerline of bearing bolts.
- Number of units wide.
- Approximate date units acquired.

If partial plans and/or load ratings have been previously furnished to the County, please provide:

- Name of County.
- Specific name of project or bridge number.
- Approximate date units acquired.

To provide the above information to any County requesting information, it will be necessary to charge the following fees:

- Providing a copy of the standard plan showing the reinforcing steel: \$50 for each plan.
- Providing load rating calculations for a specific type of unit and a specific named project: \$250 per project.
- Providing load rating calculations for a specific type of unit and a specific length: \$250 for each different length. (No additional charges for multiple bridges of the same length.)

If you or any of the Iowa Counties have any questions in regards to the above, please give me a call.

Very truly yours,

SPEECE-LEWIS ENGINEERS



Larry A. Lewis, P.E.

LAL/la

cc: Stuart Oden, Oden Enterprises, Inc.  
Mert Oden, Oden Enterprises, Inc.

OD09-12