

## Training our New Engineers and Making Sense of Risk Management Information

By Stacy J. Bartoletti, S.E.

The Council of American Structural Engineers (CASE) Took Kit Committee continues to work hard at developing tools that are useful for the structural engineering profession and related to risk management. Two new tools have recently been released. Tool Number 5-2, *Milestone Checklist for Young Engineers*, provides a method for evaluating the development of the engineering and leadership skills of our newest engineers. Tool Number 3-3, *Website Resource Tool*, provides a simple and concise summary of some of the valuable information available on the web related to risk management.

In our firm, we are seeing a much greater demand from the younger generation for a structured program to assure they are receiving a wide range of experience and feedback on their progress. They are looking not only for technical experience but also leadership opportunities. I suspect that we are not alone and

other firms are seeing similar demands. The new CASE Tool 5-2 provides a starting point to develop such a program and track individual progress. Our firm is currently developing a program specific to our needs, and we started with CASE Tool 5-2. The Tool provides a comprehensive list of engineering experience broken down by material type, analysis, software, and construction administration. It also includes leadership activities related to marketing and business development, organizational development, and project management. Training, evaluating, and providing feedback to our young engineers who will become our future firm leaders is an important part of our risk management program.

Do you need to get your license in another state and need contact information and licensing requirements? Do you know where you can find the CASE standard contracts?

Do you understand design professional lien laws in the states where you practice? Do you understand the stamping and sealing requirements for all of the states where you practice? As engineers and project managers, we are often confronted with these questions. The web has become a huge source for the information, but sometimes it can be hard to find. Tool 3-3 provides a concise summary of key information available on several web sites related to risk management. This simple tool will direct you to valuable information that will quickly help you answer these types of questions and many more.

Descriptions of all of the CASE tools can be found on the CASE website, [www.acec.org/CASE](http://www.acec.org/CASE). If you would like to evaluate a tool at no cost, email Corey Matsuoka, chairman of the Toolkit Committee, at [cmatsuoka@ssfm.com](mailto:cmatsuoka@ssfm.com) for more information. All tools are free of charge to CASE members. If you have any ideas for risk management tools that you feel will improve the risk management efforts of the structural engineering community or if you have any suggested enhancements to the tools that have already been released, please contact the CASE Toolkit Committee at the same e-mail address. ■

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