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## Engineering's Help Needed In Katrina Relief Effort, Corps Commander Says

U.S. Army Corps of Engineers Lt. General Carl Strock, as well as other federal officials involved with the relief and recovery effort, said the engineering industry's help will be vital in the relief and reconstruction effort of Katrina's aftermath.

During a meeting of the Infrastructure Security Partnership (TISP) – an organization made up of federal agencies and industry organizations focused on infrastructure issues – Strock discussed the federal response to Katrina and ongoing steps being taken to improve the coordination and delivery of assistance from government agencies and private contractors.

Strock said industry organizations, such as ACEC, are needed to assist with the Katrina relief effort from cash donations, food and water, to housing, machinery, debris removal and engineering services.

ACEC staff briefed participants on industry efforts to date, including urging firms to make donations through the Red Cross and other entities, as well as ongoing efforts to assist displaced engineering firm employees and to connect industry resources with the needs facing emergency responders. ■



Photo courtesy of KPFF

## Contact Information for Federal Agency Recovery and Relief Effort

**The U.S. Army Corps of Engineers** – The Corps' Vicksburg District is coordinating contractor support for the Katrina effort. For more information, ACEC members should go to the District website at [www.mvk.usace.army.mil](http://www.mvk.usace.army.mil).

**The Department of Homeland Security** – DHS has activated its National Emergency Resource Registry (NERR) to help coordinate assistance. Similar information is available on the Federal Emergency Management Agency (FEMA) website – [www.fema.gov](http://www.fema.gov).

**The USA Freedom Corps** – This website lists numerous relief agencies providing services to victims, including clean up, childcare, housing repair, crisis counseling, sheltering and food. [www.usafreedomcorps.gov](http://www.usafreedomcorps.gov)

**The Institute for Building Technology and Safety**, under a subcontract with FEMA, is in immediate need of skilled engineers, project managers, inspectors, estimators, superintendents, CLC's and anyone with the above skills to be available for a 60 to 90 day deployment to the Hurricane stricken sections of the U.S. [www.ibts.org/hurricane\\_katrina\\_relief.htm](http://www.ibts.org/hurricane_katrina_relief.htm) for more information. ■

## Specialty Structural Engineering

### Excerpted from CASE's Coordination and Completeness Document

Some structural elements or components specified on projects require the design of specialty engineers. This may be due to a proprietary system or manufacturer and/or fabricator procedure. The SER must adequately describe the work to be done so the specialty engineer understands what is required. An example of specialty structural engineering work is steel joists. The SER selects a joist based on SJI criteria. A specialty engineer familiar with the

manufacturer's fabrication process performs the joist design. Whenever a specialty engineer is required on the project, the SER should provide sufficient information within the documents to perform the design and analysis. Readers may want to review the *CASE National Practice Guidelines for the Specialty Structural Engineer* (an updated edition soon available) and the Florida licensure law ([www.fbpc.org](http://www.fbpc.org)) as references to the design aspect of a project. ■

## Project Delivery Systems Owner's Manual

ACEC has released *The Project Delivery Systems Owners Manual*. It is part of a Project Delivery Systems series which includes *Design-Build*, *Design/Contract-Build*, and other works in progress.

Developed by former Utah DOT head Tom Warne and ACEC Vice President Jeff Beard in association with ACEC's Management Practices Committee, the manual helps owners and designers sort through the myriad of delivery system options.

"This is a unique resource," said Allan Freedman, vice president of the American Road and Transportation Builders Association (ARTBA). "This guide looks at delivery systems

through the keen eyes of a seasoned owner. The contents are accessible, coherent and written for civil infrastructure, buildings and power/process markets."

"*The Project Delivery Systems Owner's Manual* provides valuable information that will assist owners and providers in their consideration of the best project delivery systems to use given the owner's needs and specific project goals," said Peter King, executive director, American Public Works Association (APWA). ■

Members \$99/non-members \$139.

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## OSHA Statistics

### Worker Injuries/Illnesses/Fatalities for 2003

In 2003, occupational injury and illness rates declined again to 5.0 cases per 100 workers, with 4.4 million injuries and illnesses among private sector firms. About 32 percent of work-related injuries occurred in goods-producing industries and 68 percent in services.

There were 5,559 worker deaths in 2003, a slight increase from 2002, accounted for by 114 additional deaths among self-employed workers and 61 more through workplace violence. The fatality rate of 4.0 deaths per 100,000 workers remained the same. Fatalities related to highway incidents, falls and electrocutions declined while homicides and deaths related to fires and explosions and contact with objects or equipment increased. ■



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