

ACEC

AMERICAN COUNCIL OF ENGINEERING COMPANIES

of Indiana

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ACEC Indiana Short List

PUBLISHED FOR ACEC INDIANA MEMBERS

2005-2006 Year in Review: Accomplishments & Progress on Many Issues

As the new Administration settled into its first full year of operations, ACEC kept the interests and concerns of the Professional Consulting Engineering industry front and center with key state officials and the state agencies, and at all other levels of government.

ACEC Indiana's Member-led liaison committees continued to meet with key state & local government agencies. Listed below are a few highlights of the accomplishments made on behalf of all ACEC Indiana member-firms. The full Annual Report is available at www.acecindiana.org

INDOT: ACEC met on a regular basis with the new Commissioner and senior staff to offer help. Internally, four sub-committees were established to address concerns about the process used for consultant contracts, including negotiation methods, selection process, pre-qualification, auditing procedures and evaluations.

IDEM (Dept of Environmental Management): ACEC Indiana's first annual Environmental Business Conference was held in September 2005, and was well received. Comments were provided to IDEM on its CSO program guidance and on its proposed changes to its requirements for specifications on SRF projects.

The technology used for designing infrastructure is beginning to make a major shift. Have you prepared strategically to adopt this change? Preparing now can help you allocate resources and reduce the risk of not having competitive capabilities.

Fifteen to twenty years ago our industry made the transition from Mylar and pens to CAD. The benefit was CAD reduced much of the redundancy generated by inking multiple sheets representing the design in different contexts. Now the technology shift is

IDNR (Dept. of Natural Resources): Mitigation Floodway Committee continued work to develop a set of guidelines. Hydraulics Guidelines Committee continued to meet at the request of IDNR to discuss and formulate approaches to a variety of issues. Concerns about the Section 106 review process for historic county bridges were addressed.

OCRA (Office of Community & Rural Affairs): Stressed the importance of CDBG funds to maintain affordable infrastructure rates. Pushed for a change in the Planning Grant program to allow for a portion of land acquisition costs to be covered during the preliminary engineering phase. Worked to facilitate a better understanding of the QBS process among Grant Administrators throughout the State.

DAPW (Dept. of Administration/ Public Works): Worked with new Director to improve project listings and descriptions on line, including appropriations.

DFBS (Fire & Building Services): Continued dialog with Code Compliance Officer on issues, including: verification of active design professionals sealing construction documents, and other issues.

taking us from producing plans to generating a model of our design, with plans becoming an output of the model. Developing design models may introduce disruptions if we have not aligned personnel skills, technology, and workgroup structure to producing a design in three dimensions.

Soon our clients are going to expect, even demand that we not just provide plan sets, but 3D models. Even design-build projects have less emphasis on plan sheets and more emphasis on

INDIANAPOLIS DPW: Teamed with DPW staff during National Engineer's Week to visit middle schools to discuss the importance of math and science and to promote Public Works and Engineering. Initiated review of the DPW standard contract language and risk management. Provided an internal peer review of the proposed Sanitary Sewer Standards that were rewritten by DPW.

Government Affairs: ACEC Indiana, along with our coalition partners in the Build Indiana Council, was instrumental in the passage of Major Moves, providing \$3.85 billion dollars in funding for road design and construction for years to come; warded off attempts to degrade the profession by others wanting to do the work of PE's without the required education and experience; succeeded in getting a renewal fee increase to improve the oversight and enforcement of P.E. licenses by the state Board; and, streamlined the building code adoption process.

Diversity: A new initiative was established reach out in new ways to the M/W/DBE community, resulting in ACEC's first Diversity Networking Fair and luncheon with outstanding response.

getting the design information to the construction site. Autodesk and Bentley are now moving their software offerings toward model based designing. Just a prognostication for our chapter members; design models will be the project deliverable in about five years. Private clients will be first, then Public Agencies.

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