2016 EEA
CALL FOR ENTRIES
BY THE AMERICAN COUNCIL OF ENGINEERING COMPANIES OF ARKANSAS
Again this year, engineering firms are entering their most innovative projects and studies for the state competition conducted by the American Council of Engineering Companies of Arkansas (ACEC/A).

EEA entries are accepted into one of 10 project categories: Studies, Research, and Consulting Engineering Services; Building/Technology Systems; Structural Systems; Surveying and Mapping Technology; Environmental; Water and Wastewater; Water Resources; Transportation; Special Projects; and Energy.

Awards are given for large projects with construction costs greater than or equal to $500,000 and one for small projects with construction costs less than $500,000 for each of the categories except Category A.

Project entries must be designed by engineers located in Arkansas. A distinguished panel is convened to judge the projects. These professionals may have backgrounds in engineering, architecture, state and federal government, media, academe, and military. The panel evaluates projects for engineering excellence and then selects winners for each subcategory. One Grand Conceptor Award is chosen from among the other award winners.

All submitted projects are rated on the basis of uniqueness and originality; future value to the engineering profession; social, economic, and sustainable development considerations; complexity; and successful fulfillment of the client/owner’s needs, including schedule and budget.

ACEC/A’s 2016 Engineering Excellence Awards provide firms an opportunity to obtain statewide recognition and to showcase their talent and expertise at a prestigious awards ceremony.
ELIGIBILITY
Any Arkansas engineering or surveying firm, or any firm joint venturing with an Arkansas firm, is eligible to enter the awards program, whether or not the firm is a member of ACEC/A.

JUDGING
Entries are judged on the basis of overall engineering excellence in each of 10 categories. Entries are judged on the basis of the work performed by the entering firm according to the rating guidelines listed. Winners are notified prior to the EEA Banquet, except for the Grand Conceptor Award, which will be announced at the banquet.

AWARDS
The panel of judges may grant up to 19 awards, two in each category (except in Category A), and one Grand Conceptor Award, at its discretion. The Grand Conceptor may come from any of the nine categories and will be presented as the top state winner selected by the judges, whose decisions on all awards are final. Awards will be presented to the clients/owners and the entering firm submitting the winning entries.

PUBLICITY
The public relations and marketing value of participation in the state Engineering Excellence Awards program is considerable. All state winners are highlighted in the Arkansas Professional Engineers magazine. Each entry is recognized at the awards banquet. The ACEC/A staff contacts the local media to announce winners and their awards. Winners are also published on the ACEC/A website at www.ArkansasEngineers.com/acec/.

CATEGORIES
There is a small and large project entry level for each category, except project Category A, which has no project size criteria. The small project sub-category is for projects with a construction cost below $500,000.

2015 GRAND CONCEPTOR
MERCY TRAILHEAD

This year, entrants will receive a $100 discount for submitting in the small projects sub-category.

*Please note that these requirements are for the state competition, which closely reflect national requirements. If you choose to submit your project for national competition, there is a separate brochure and entry form.
### DEFINITIONS OF RATING GUIDELINES

**1. Original or innovative application of new or existing techniques:**
- Does the entry demonstrate use of a new science or a breakthrough in the general knowledge of engineering?
- Does the entry represent a unique application of different technology, techniques, materials, or equipment?

**2. Future value to the engineering profession:**
- Does the entry advance the state of the engineer’s art?
- Does the entry advance a positive public image of engineering excellence?

**3. Social, economic, and sustainable design considerations:**
- Do the solutions identified produce secondary benefits of value to the community environment?
- Does the entrant’s approach provide society with social, economic, or sustainable development benefits?
- Does the entrant’s contribution to the project improve the health, safety or welfare of the public or affected environment?

**4. Complexity:**
- Did the entry successfully address very complex criteria or unique problems?
- Were extraordinary problems of site, location, hazardous conditions, project requirements, or similar elements present?
- Did the entry require the use of out-of-ordinary technology or ingenuity for achievement of the project’s goals?

**5. Exceeding client/owner needs:**
- Did the engineer or entrant successfully engage the client/owner in the overall project development process?
- Does the entry comply with and justify its original concept?
- Is it an economic and cost-effective solution?
- How did final cost relate to original budget estimate?
- How closely does the entrant’s solution meet the total goals of the client/owner?
- Did the entrant meet the client’s time schedule?

### RATING GUIDELINES FOR JUDGES

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>25%</td>
<td>Original or innovative application of new or existing techniques</td>
</tr>
<tr>
<td>20%</td>
<td>Future value to the engineering profession and perception by the public</td>
</tr>
<tr>
<td>15%</td>
<td>Social, economic, and sustainable design considerations</td>
</tr>
<tr>
<td>20%</td>
<td>Complexity</td>
</tr>
<tr>
<td>20%</td>
<td>Exceeding client/owner needs</td>
</tr>
<tr>
<td>100%</td>
<td>Total</td>
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</tbody>
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**Total: 100%**
<table>
<thead>
<tr>
<th>CATEGORY A</th>
<th>CATEGORY B</th>
<th>CATEGORY C</th>
<th>CATEGORY D</th>
<th>CATEGORY E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Studies, Research, and Consulting</td>
<td>Building/ Technology Systems</td>
<td>Structural Systems</td>
<td>Surveying and Mapping Technology</td>
<td>Environmental</td>
</tr>
<tr>
<td>Non-design services including, but not limited to: New Products, Materials, and Technologies</td>
<td>Mechanical/ Electrical</td>
<td>Foundations</td>
<td>Geometrics, ALTA, Land Title, and Rights Surveys</td>
<td>Hazardous Waste</td>
</tr>
<tr>
<td>Expert Testimony</td>
<td>Computer/ Technology</td>
<td>Tunnels</td>
<td>Control, GPS, Monitoring, or Construction Surveying</td>
<td>Solid Waste</td>
</tr>
<tr>
<td>Basic Research and Studies</td>
<td>Communications</td>
<td>Buildings</td>
<td>Survey Mapping, GIS/LIS, and Photogrammetry</td>
<td>Restoration/ Reclamation</td>
</tr>
<tr>
<td>Computer/Software Technology</td>
<td>Acoustics</td>
<td>Seismic Design</td>
<td></td>
<td>Air Quality</td>
</tr>
<tr>
<td>Technical Papers</td>
<td>Software Systems</td>
<td>Towers</td>
<td></td>
<td>Noise</td>
</tr>
<tr>
<td>None of the projects entered in Category A are involved with the preparation of construction documents</td>
<td></td>
<td>Bridges</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Sports Facilities</td>
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<tr>
<th>CATEGORY F</th>
<th>CATEGORY G</th>
<th>CATEGORY H</th>
<th>CATEGORY I</th>
<th>CATEGORY J</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water and Wastewater</td>
<td>Water Resources</td>
<td>Transportation</td>
<td>Special Projects</td>
<td>Energy</td>
</tr>
<tr>
<td>Water Supply/ Distribution/ Treatment</td>
<td>Hydraulics and Hydrology</td>
<td>Highways</td>
<td>Safety and Security</td>
<td>Transmission and Distribution</td>
</tr>
<tr>
<td>Wastewater Collection/ Treatment and Disposal</td>
<td>Irrigation</td>
<td>Railroads</td>
<td>Energy Production/ Conservation</td>
<td>Power Generation</td>
</tr>
<tr>
<td>Industrial Waste Residuals Management</td>
<td>Storm Water Management</td>
<td>Airports</td>
<td>Oil and Gas</td>
<td>Renewable Energy</td>
</tr>
<tr>
<td></td>
<td>Erosion Control</td>
<td>Marine/Ports</td>
<td>Nuclear</td>
<td>Cogeneration</td>
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<tr>
<td></td>
<td>Recreational Facilities</td>
<td>Public Transit</td>
<td>Industrial Processes/ Materials Handling</td>
<td>Energy Storage Technologies</td>
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<td></td>
<td>Flood Control and Dams</td>
<td>Freight</td>
<td>Mining, Metallurgy, and Mineralogy</td>
<td>Energy Efficiency - New and Retrofit</td>
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<td></td>
<td>Corrosion Protection Program and Construction Management</td>
<td>Energy Usage Reduction Programs</td>
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<td></td>
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<td></td>
<td>Land Development</td>
<td>Demand Side Management</td>
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</tbody>
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This section describes all required submission materials that are mandatory for entering the 2015 ACEC/A Engineering Excellence Awards competition. All materials must be submitted as designated below.

SUBMISSION REQUIREMENTS
The following main components must be submitted with the state EEA competition entry:

Official Entry Form
Project Information Submittal

OFFICIAL ENTRY FORM
The engineer or surveyor and client/owner must all sign the original Official Entry Form stating that the submitted project was substantially completed and ready for use between November 1, 2013 and October 31, 2015. The entry fee needs to be attached to the original Official Entry Form.

PROJECT INFORMATION SUBMITTAL
The submittal should be bound and must include ONE COPY of each of the following:

1. Official entry form
2. Executive summary (One page: 8.5” x 11” with 1” side margins) describing the problem and solution. Project title and entry category must appear at the top of the page.
3. A project description of five pages or less (8.5” x 11”) addressing a, b, and c as listed below. The project title, category, and page number should appear at the top of each page. Entrants may use text (minimum 12pt), photos, graphics, etc.
   a. Role of entrant’s firm in the project
   b. Role of other consultants participating in the project
   c. Brief description of the entrant’s contribution to the project addressing each of the following as an example:
      · Original or innovative application of new or existing techniques
      · Future value to the engineering profession
      · Social, economic, and sustainable design considerations
      · Complexity
      · Exceeding client/owner needs. Include actual cost and actual date of completion information from the Official Entry Form.
4. A 200-word project summary
5. Key participants - List the key participants of the project such as contractors, subcontractors, other engineers, architects and designers involved. Include firm name, address, phone number, and an e-mail address of each participant.
IMPORTANT DATES TO REMEMBER

January 8, 2016
Submitted materials to compete in state EEA competition must be received at ACEC/A. Deadline to submit for nationals is the same.

March 17, 2016
Winners will be announced at The Engineering Excellence Awards in Little Rock, AR.

All materials submitted for judging in the state competition become the property of ACEC/A and may be used in future publications.

PHOTOGRAPHIC DISPLAY PANEL
Panels will be displayed for the judges and at the awards banquet. Panel text and photos should demonstrate the challenges, solutions, and innovative uniqueness of key project elements. The panel should be prepared with high-quality photos and graphics, with minimal text. The panel should be 30” x 30” and laminated or otherwise protected. Foam core backing is acceptable.

- Unlimited number of photographic images may be used on the panel.
- Please use 24 pt. type or larger for text and/or descriptions.
- Title and location of the study or project, client/owner’s name and location, and entering firm’s name and location (minimum 24 pt. type) should be shown on the front of the panel. Additional reference to the firm’s name may be made within the text on the panel. The firm name, the project name, and the category shall be indicated on the back of the panel.

ENGINEERING EXCELLENCE AWARDS COMMITTEE MEMBERS

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Mickle, Wagner and Coleman
Fort Smith, Arkansas

Laura Nick
Garver
North Little Rock, Arkansas

Travis Tolley, PE
Crafton Tull
Little Rock, Arkansas

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Little Rock, Arkansas

President Elect: Andy Dibble, PE
Mickle, Wagner & Coleman
Ft. Smith, Arkansas

OFFICERS 2015 – 2016

Executive Director:
Angie Cooper
Little Rock, Arkansas
Furnish all information requested below for each entry. Firm, project and client typed or printed as they are to appear on the award. Please limit the project name to 35 characters. A fee of $300 per entry for ACEC/A members ($600 for non-ACEC/A members) must accompany this form. Make checks payable to ACEC/A. ($100 discount for small project entries)

**ABOUT THE PROJECT**

Project Name (Limit: 35 Characters) ________________

Judge the Entry in the Following Category (check one): _____ Small Entry Level _____ Large Entry Level

___ A. Studies, Research, and Consulting Engineering Services          ___ D. Surveying and Mapping Technology          ___ G. Water Resources

___ B. Building/Technology Systems                                      ___ E. Environmental                                      ___ H. Transportation

___ C. Structural Systems                                                ___ F. Water and Wastewater                                  ___ I. Special Projects

Project Location: Address (no P.O. Boxes) ________________________________

City ___________________ State ___________ Zip ______________

Complete Relative to the Entrant’s Portion of the Project: (Budgeted and/or actual costs may not apply to some studies in Category A)

Completion/Use Dates: Scheduled _____________________ Actual _____________________

Category A Costs: Budgeted $ _____________________ Actual _____________________

Construction Costs: Budgeted $ _____________________ Actual _____________________

**ABOUT THE FIRM(S) SUBMITTING THE PROJECT**

Entering Firm(s) ______________________________

Firm Representative ____________________________ Title of Representative ____________________________

Address (no P.O. Boxes) ______________________________

City ___________________ State ___________ Zip ______________

Phone (___)__________________________ Cell (___)__________________________ Fax (___)__________________________

Email ______________________________

I hereby authorize submission of this project in the American Council of Engineering Companies of Arkansas’ 2014 ACEC/A Engineering Excellence Awards competition.

Senior Executive/Principal ____________________________ Title ____________________________

Date

Address (no P.O. Boxes) ______________________________

City ___________________ State ___________ Zip ______________

Phone (___)__________________________ Cell (___)__________________________ Fax (___)__________________________

Email ______________________________

**ABOUT THE CLIENT/OWNER(S) SUBMITTING THE PROJECT**

Client/Owner(s) ______________________________

I currently believe the work of the engineer meets the intended uses and expectations for the project and hereby grant permission to enter this project in the ACEC/A 2015 Engineering Excellence Awards competition, and authorize publication of its outstanding features, unique aspects, or innovations. I confirm that the project was substantially completed and ready for use between November 1, 2013 and October 31, 2015.

Client Owner/Representative ____________________________ Title ____________________________

Date

Address (no P.O. Boxes) ______________________________

City ___________________ State ___________ Zip ______________

Phone (___)__________________________ Cell (___)__________________________ Fax (___)__________________________

Email ______________________________