

Engineering Excellence Awards

ACEC
AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Ohio

*2016
Call
for
Entries*



The Engineering Excellence Awards

For nearly half a century, the American Council of Engineering Companies has conducted an annual awards competition to recognize engineering projects that exhibit a high degree of innovation, complexity, achievement and value.

Every year, engineering companies from across the country enter their most innovative design projects and studies in state competitions, such as ACEC Ohio's, with the top entries from each state advancing to the national competition in Washington.

A host of benefits will accrue to your firm by taking part in the Engineering Excellence Awards Competition, including strengthening your relationship with your client, building a spirit of pride and accomplishment among your staff and earning your company valuable publicity and professional recognition.

Don't miss out on this opportunity to gain valuable recognition for your company and your client. Be sure your company enters a project in the 2016 ACEC Ohio Engineering Excellence Awards Competition.

Eligibility

The Engineering Excellence Awards Competition is open to any company that is licensed to provide professional engineering services in the state of Ohio, and which maintains an office in Ohio, whether or not the company is a member of the American Council of Engineering Companies of Ohio.

Projects located outside the state of Ohio are not eligible for entry unless more than 50 percent of the work on the project was performed at the company's Ohio offices.

Project Completion Deadlines

Projects entered in categories A (Studies, Research & Consulting Engineering) or D (Surveying & Mapping Technology) must have been publicly disclosed by the client between November 1, 2013 and October 31, 2015.

Construction of projects entered in other categories must have been substantially completed and ready for use between November 1, 2013 and October 31, 2015.

Available Awards

As many as 10 of the highest scoring entries will be recognized with Outstanding Achievement Awards. All other entries will be recognized with Honor Awards, with the two following exceptions.

The top award, the Grand Award, will be selected from among the group of Outstanding Achievement Award recipients. The winner of the Grand Award will be announced at the Engineering Excellence Awards Luncheon on Thursday, March 10, 2016, in Columbus.

An award for the Outstanding Small Project will be presented to the highest scoring project with a total project construction budget not exceeding \$2.5 million, regardless of whether the project was entered in the Small Projects category (J).

Participation in ACEC National Competition

At least the top 10 entries in the Ohio competition will be eligible to submit their entries in the ACEC national competition. Firms advancing to the ACEC national competition will be required to do so under ACEC's instructions and rules, which require the preparation of additional materials and payment of an additional entry fee.

Entry rules and guidelines for the ACEC national competition can be downloaded from the national Council's web site (www.acec.org).

ACEC Ohio EEA Competition Calendar

November 4, 2015

Deadline for submission of ACEC Ohio competition entries

November 13, 2015

Judging of entries in Columbus

March 10, 2016

Presentation of awards at ACEC Ohio Annual Awards Luncheon, Columbus, OH

ACEC National EEA Competition Calendar

January 8, 2016

Deadline for submission of national competition entries

February 5-7, 2016

National ACEC competition judging

April 19, 2016

ACEC Awards Presentation Banquet, Washington, D.C.

Judging Criteria

A panel of judges with backgrounds in engineering, architecture and construction, academia, industry and government will evaluate the competition entries using the following criteria.

1. **Uniqueness and/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 new or existing technology, techniques, materials or equipment? (25%)
2. **Future Value to the Engineering Profession & Perception by the Public:** Will the entry redefine current engineering thinking? Does the entry advance a positive public image of engineering? (25%)
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 community? (25%)
4. **Complexity:** Did the entry successfully address highly complex criteria or unique problems? Does the project successfully address very complex criteria or types of problems? Were extraordinary challenges involving the site, location, hazardous conditions, project requirements or similar elements present? Did the entry require use of out-of-the-ordinary technology or ingenuity for achievement of the project's goals?(25%)

Entry Categories

Entries shall be submitted in one of the following categories. No company may submit more than two entries in any single category.

- A. Studies, Research & Consulting Services** – Non-design services including projects not involving the preparation of construction documents, consisting of, but not limited to, the following types of projects: new products, materials, or technologies; basic research & studies; computer/software technology; technical papers; public outreach/involvement; water conservation; security plans; project feasibility studies/economic risk; value engineering.
- B. Building/Technology Systems** – Mechanical/electrical/plumbing; computer/technology; communications; acoustics; software systems; sustainability or carbon neutrality; efficiency certification standards (e.g. LEED®); energy efficiency, new and retrofit; secure facilities (military/research/correctional).
- C. Structural Systems** – Foundations; tunnels; buildings; towers; bridges; seismic design; sports facilities.
- D. Surveying & Mapping Technology** – Geometrics, ALTA, land title & rights surveys; control; GPS, monitoring or construction surveying; survey mapping, GIS/LIS, photogrammetry.
- E. Environmental** – Hazardous waste; solid waste; restoration/reclamation/remediation; air quality; noise; recycling; waste pond management; carbon sequestration and trading.
- F. Waste & Storm Water** – Wastewater collection, treatment & disposal; residuals management & reuse; graywater systems; CSOs; mine tailings; agricultural; storm water management; erosion control.
- G. Water Resources** – Hydraulics & hydrology; surface & groundwater supply development; treatment; transmission & storage; watershed management; water use reduction; flood risk management; climate adaptation; coastal and ecosystem restoration; locks/dams/water control structures; irrigation.
- H. Transportation** – Highways; railroads; airports; marine/ports; public transit; freight; intermodal facilities.
- I. Special Projects** – Safety & security; corrosion protection/cathodic protection; program & construction management; land development; trenchless technologies; recreational facilities; subsurface engineering.
- J. Small Projects** – Total project construction budget does not exceed \$2.5 million. (Projects under \$2.5 million are not required to be entered in this category; they may be entered in any other category, at the entrant's discretion.)
- K. Energy** – Transmission & distribution; power generation; renewable energy; cogeneration; storage technologies; energy efficiency & usage reduction programs; demand-side management.
- L. Industrial & Manufacturing Processes & Facilities** – Petrochemical, biotech, manufacturing, heavy industry; industrial waste; materials handling; mining, metallurgy, mineralogy.

Entry Rules

1. The deadline for submitting complete entries to the ACEC Ohio office is 5:00 p.m., Wednesday, **November 4, 2015**. Completed entry packages must be delivered to:
ACEC Ohio
1650 Lake Shore Drive, Suite 200
Columbus, OH 43204
2. Each entry must be made on the Entry Form on page 7 and must be accompanied by an entry fee of \$400 for member firms, and \$1,200 for non-member firms, with checks made payable to the American Council of Engineering Companies of Ohio (ACEC Ohio).
3. Entries must be submitted in one of 12 categories (see page 4). No company may submit more than two entries in any single category.
4. Projects entered in categories A (Studies, Research & Consulting Services) or D (Surveying & Mapping) must have been publicly disclosed by the client between November 1, 2013 and October 31, 2015. Construction of projects entered in categories B through L (except those in category D) must have been substantially completed and ready for use between November 1, 2013 and October 31, 2015.
5. Projects located outside the state of Ohio are not eligible for entry unless a principal of the entering firm certifies by letter that more than 50 percent of the work on the project was performed at the company's Ohio offices.
6. Each entry must include three components:
 - a. A 9" x 12" (or larger) envelope that includes all documents listed in Rule 7;
 - b. A USB flash drive containing the elements set out in Rule 9; and
 - c. A photo panel that complies with the requirements set out in Rule 10.
7. The entry envelope referred to in Rule 6 must include the following:
 - a. A completed Entry Form.
 - b. A check for the entry fee.
 - c. A letter from the client or project owner, describing the services provided to the client or project owner by the entrant company and authorizing the entry of the project in the competition.
 - d. If the project being entered is located outside of Ohio, a letter from a principal of the entering company, affirming that more than 50 percent of the work on the project was performed at the company's Ohio office(s).
 - e. A written project description that may not exceed five, double-spaced, 8-1/2" x 11" pages, with 1" margins, with text double-spaced in a minimum of 12-point type.
This document **MUST** describe:
 - (1) the entrant company's role in the project;
 - (2) the role of other consultants participating in the project; and
 - (3) The innovative and creative aspects of the services provided by the entrant company, the complexities of the project, the social and economic benefits resulting from the project, the value of the project to the community, the number of people served by the project, cost savings resulting from the project, and other noteworthy features.
 - f. An executive summary that gives an overview of the project. This document may not exceed one, double-spaced, 8-1/2" x 11" page, with 1" margins, with text in a minimum of 12-point type.

(continued on next page)

Entry Rules (cont'd)

8. Do not make reference to any other awards earned by the project in any materials submitted as part of the entry.
9. The USB flash drive referred to in Rule 6 must include:
 - a. An electronic file that contains an exact copy, in PDF format, of the photo panel described in Rule 10.
 - b. An electronic file that contains a copy of the project description referred to in Rule 7(e), and the executive summary referred to in Rule 7(f), generated in Microsoft Word.
 - c. Six digital color photographs of the project, three taken during the planning, startup and/or construction phases, and three showing the completed project. Digital photos must have a resolution of at least 300 dpi. In lieu of photographs, entries submitted in Category A (Studies, Research & Consulting Services) should include six graphs, charts or other illustrative graphics.
10. The required photo panel referred to in Rule 6 should illustrate the challenges, technical solutions, innovative aspects and uniqueness of the project. It should include high-quality photos and graphics and no more than 250 words of descriptive text. The photographic panel must:
 - a. Measure 30" x 30" square, mounted on foam core board ;
 - b. Be laminated front and back, and have a matte finish;
 - c. Have a maximum thickness, including front and back lamination, of 16 millimeters (0.62 inches);
 - d. Contain a maximum of six photographic images and/or graphics. Each photograph or graphic should be a minimum of 7" x 5" or 35 square inches. A background photo is not considered as one of the six allowable photo/graphic images;
- e. Bear text not exceeding 250 words total, not including captions. Minimum font sizes: 32-point for text and/or descriptions; 28-point for captions of photos and graphics;
- f. Include:
 - (1) the project title and location of the project;
 - (2) the client/owner's name and location;
 - (3) the entering firm's name and location in a minimum of 32-point type;
 - (4) the ACEC Ohio logo, which can be downloaded from the ACEC Ohio website (www.acecoho.org/aws/ACEC/pt/sp/awards)
11. Awards not claimed at the March 10, 2016 awards luncheon may be picked up at the ACEC Ohio office. **AWARDS WILL NOT BE SHIPPED.**
12. The Engineering Excellence Awards competition is intended to recognize engineering companies that design projects entered in the competition, not clients who sponsor the projects. While duplicate award pieces can be ordered for presentation to clients, wording on duplicate awards will not be modified to state that the client is the recipient of the award.
13. Photo panels can be reclaimed at the conclusion of the EEA Awards Luncheon. All other entry materials will be retained by ACEC Ohio.
14. Non-compliance with the competition rules may result in disqualification of the entry.

Entry Form



AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Ohio

2016 Engineering Excellence Awards Competition

Name of Entrant Company¹ _____

Address _____

City _____ State _____ Zip Code _____

Telephone _____ Fax _____

Name of Entrant Company Contact _____

Entrant Company Contact's E-mail Address _____

Name of Project¹ _____

Location of Project (city & state) _____

Category of Project Entry:² ☐ (A.) Research & Studies ☐ (B.) Building/Technology Systems
☐ (C.) Structural Systems ☐ (D.) Surveying & Mapping Technology ☐ (E.) Environmental
☐ (F.) Waste & Storm Water ☐ (G.) Water Resources ☐ (H.) Transportation ☐ (I.) Special Projects
☐ (J.) Small Projects ☐ (K.) Energy ☐ (L.) Industrial & Manufacturing Processes & Facilities

Total Project Budget (design & construction)³ \$ _____

Total Actual Project Cost \$ _____

Entering Firm's Study or Design Budget \$ _____

Entering Firm's Actual Study or Design Cost \$ _____

Scheduled Date of Completion _____

Actual Date of Completion _____

Client's Name¹ _____

Client Contact's Name _____

¹ Name of entrant and client should be typed exactly as they are to appear on any award. Project award name limited to 45 characters.

² Not more than two entries may be submitted by any firm in any single entry category.

³ May not apply to projects entered in Category A.

I hereby submit this project entry in the 2016 ACEC Ohio Engineering Excellence Awards Competition and authorize the Council to discuss and publicize any of the project's outstanding features, unique aspects or innovations described in the entry materials. I affirm that the project was substantially completed and ready for use between November 1, 2013 and October 31, 2015.

Signature of Company Principal or Officer _____

Previous ACEC Ohio Grand Award Winners

- 2015 **HNTB Ohio, Inc.** – I-90 George V. Voinovich Innerbelt Bridge
- 2014 **URS Corporation** – Spaceport America Terminal & Hangar Facility
- 2013 **THP Limited Inc.** – Central Riverfront Garage - Phase 2
- 2012 **ms consultants, inc.** – I-70/I-71 Columbus South Innerbelt Study
- 2011 **DLZ Ohio, Inc./HNTB/Spiro Pollalis** – Main Street Bridge Replacement
- 2010 **Wilbur Smith Associates** – Euclid Corridor Transportation Project
- 2009 **THP Limited Inc.** – The Ascent at Roebling’s Bridge
- 2008 **FIGG** – Veterans’ Glass City Skyway
- 2007 **HNTB Corporation** – Perry Street Bridge Replacement
Karpinski Engineering – Cleveland State University Recreation & Wellness Center
- 2006 **DLZ Ohio, Inc.** – River Chamber Stabilization & Demolition – Charleroi Locks & Dam
- 2005 **Lantz Jones Nebraska Inc.** – Knowlton Hall School of Architecture
- 2004 **Burgess & Niple, Inc.** – West Columbus Flood Protection Project
- 2003 **W. E. Monks & Co.** – Honda Transmission “Green” Building
- 2002 **Parsons Brinckerhoff Ohio, Inc.** – Fort Washington Way Reconstruction
- 2001 **Civil Design Associates, Inc.** – Atwood Lake Sewer System Phase I
- 2000 **Malcolm Pirnie, Inc.** – Aircraft Deicer Runoff Pilot Plant Treatability & Modeling Study



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