

2023 ENGINEERING EXCELLENCE AWARDS

ACEC Ohio
Call for Entries

Submission Deadline: November 3, 2022 | www.acecohio.org





Wendy Park Bridge, KS Associates

ABOUT THE AWARDS

The American Council of Engineering Companies of Ohio's annual Engineering Excellence Awards (EEA) competition provides the opportunity to highlight and celebrate achievements in engineering. The awards program showcases the best in engineering achievements to a statewide audience of clients, industry leaders, legislators and other decision makers.

The Engineering Excellence Awards Program:

- Recognizes engineering achievements demonstrating a high degree of client satisifaction through quality, cost-effective solutions.
- Increases public knowledge and enhances the image of consulting engineers.
- Highlights the value and importance of professional engineers to our state's legislators.
- Gives you an opportunity to recognize clients and partners with awards and publicity.

PARTICIPATION IN THE ACEC NATIONAL COMPETITION

As many as 10 of the top entires in the Ohio competition will be eligible to submit their entries in the ACEC National competition in Washington D.C. Firms advancing to the ACEC National competition will be required to do so under ACEC National'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 here.



Richland Avenue Pedestrian Passageway Project, Burgess & Niple

ELIGIBILITY & CRITERIA

All materials except the foam board will be submitted electronically through the online portal. When accessing the portal if you are asked to provide an MO code please log out of every EEA and ACEC window. You do not need an MO code to proceed.

Any firm maintaining an office in Ohio and engaged in the private practice of consulting engineering is eligible to enter the competition, whether or not the firm is an ACEC Ohio member. Entries into the Engineering Excellence Awards must meet the following general criteria:

1. The deadline for submitting complete entries to the ACEC Ohio online portal is at 4:00 pm on Thursday, November 3, 2022. Click ***here*** to visit the portal.

Delivered foam boards must be sent to:
ACEC Ohio
1650 Lake Shore Drive, Suite 200
Columbus, OH 43204

2. Each entry must be submitted on our online portal, accompanied by an entry fee of $425 for member firms, and $1,250 for non-member firms, with checks made payable to the American Council of Engineering Companies of Ohio (ACEC Ohio).

A three percent (3%) processing fee will be charged for any credit card payments.

3. Entries must be submitted in 1 of 12 categories, entrant must select one category that is most appropriate.

No company may submit more than two entries in one 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, 2019 and October 31, 2022. 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, 2019 and October 31, 2022.

5. Projects located outside of 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 firm's Ohio office(s).

6. Each entry must include 2 components:
   a. Official electronic entry
   b. A photographic panel display

7. Awards must be claimed at the 2023 awards luncheon or they may be picked up at the ACEC Ohio office. **AWARDS WILL NOT BE SHIPPED.**

8. The Engineering Excellence Awards is intended to recognize engineering firms that design projects entered in the competition, not the 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.

9. Photographic display panels can be reclaimed at the conclusion of the EEA Luncheon. All other entry materials will be retained by ACEC Ohio.

10. Non-compliance with the competition rules may result in disqualification of the entry.

Reference to any other awards earned by the project in any materials submitted as part of the entry is not permitted.



Suspension Bridge over the Stillwater River, Woolpert

AVAILABLE AWARDS

There are four awards that your project may win: Honor Award, Outstanding Achievement Award, Outstanding Small Project Award, and Grand Award.

As many as 10 of the highest scoring entries will be recognized with an Outstanding Achievement Award and will be eligible to voluntarily submit to ACEC National. All other entries will be recognized with Honor Awards, with the two following exceptions.

1. The top award, the Grand Award, will be selected from among the group of Outstanding Achievement recipents. The winner of the Grand Award will be announced at the Engineering Excellence Awards Luncheon **in Columbus.**

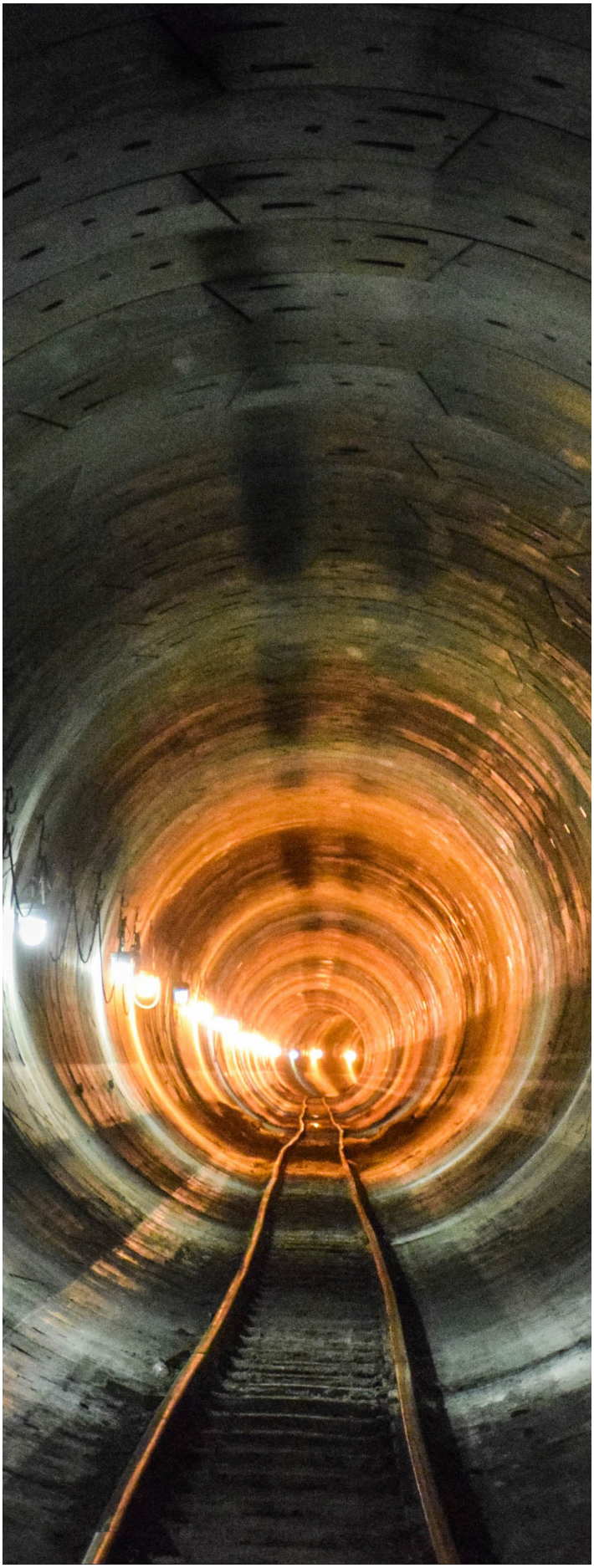
2. An award for the Outstanding Small Project will be presented to the highest scoring project with a total project construction budget not exceeding $2.5 million, regardless of whether the project was entered in the Small Projects Category (J).

PUBLICITY

Participation in the ACEC Ohio Engineering Excellence Awards provides a great public relations opportunity for your firm. Entry into this competition assists your marketing efforts and augments your firm's business development program.

Additionally, the Engineering Excellence Awards supports your clients public relations and commuincation goals as an added benefit which can enhance relationships with the project owner, community, etc.

ACEC Ohio will work with winners to contact local media to announce their awards. The awards will be publicized in our awards program, announced on social media, as well as promoted in electronic newsletter and website.



Doan Valley Storage Tunnel, McMillen Jacobs and Wade Trim

JUDGING CRITERIA

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

Entries will be judged of the basis of work performed by the entering firm(s) and according to the rating guidelines. Entries are reviewed by a panel of highly qualified judges from outside the association membership. Each entry will be judged on its own merits based on the judging rating guidelines listed below. Each category is worth 20 percent.

1. ***Uniqueness and/or Innovative Applications of New or Existing Techniques:*** Does the entrant's contribution to the project demonstrate the use of a new science or a breakthrough in the general knowledge of engineering? Does the entrant's contribution to the project represent a unique application of new or existing technology, techniques, materials or equipment?

2. ***Future Value to the Engineering Profession Enhanced Public Awareness/Enthusiasm of the role of engineering:*** Will the entrant's contribution to the project redefine current engineering thinking? Does the entrant's project increase public awareness/enthusiasm about the role of engineering in their everyday lives?

3. ***Social, Economic and Sustainable Development Consideration:*** 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?

Dates to Remember

ACEC Ohio

November 3, 2022
Deadline for submission of ACEC Ohio competition entries

November 15, 2022
Judging of entries in Columbus, Ohio

November 21, 2022
Notification of Award

March 16, 2023
ACEC Ohio Annual Awards Presentation Luncheon, Columbus, Ohio

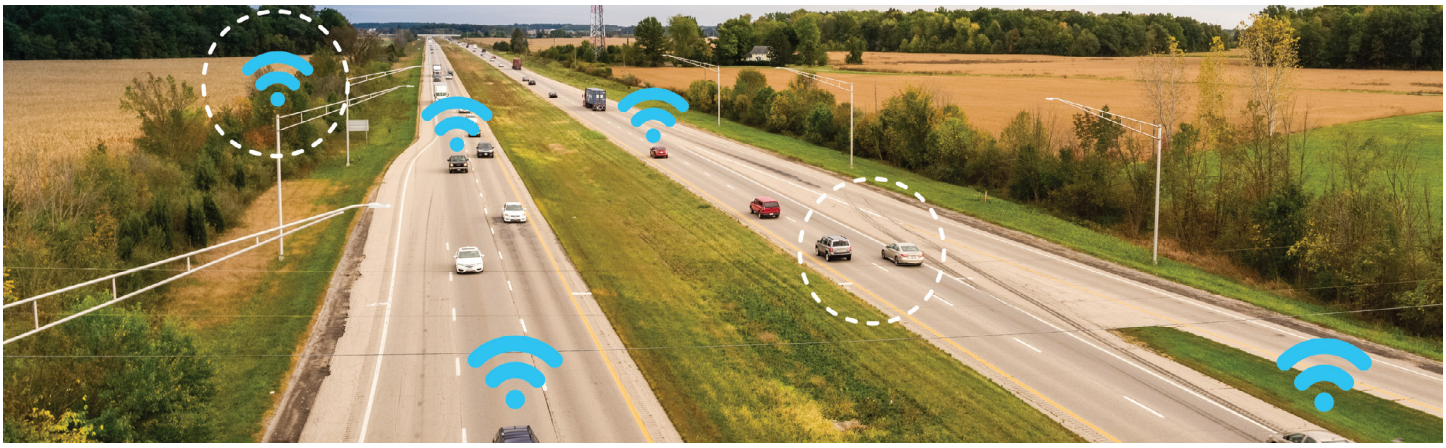
ACEC National

January 13, 2023
Deadline for submission of ACEC National competition entries

March 10-12, 2023
Judging takes place in Washington D.C.

June 13, 2023
EEA Dinner and Gala Awards Program, Washington D.C.

33 Smart Mobility Corridor, Michael Baker International



JUDGING CRITERIA CONTINUED

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

5. ***Successful Fulfillment of Client/Owner Needs:*** Did the entrant successfully engage the client/owner in the overal project development process? Was it an economical and cost-effective solution? How did the final cost compare to the orginal budge 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?

Official Electronic Entry

Each project document must be uploaded separately through ACEC Ohio's awards submittal portal.

Specifications: ALL documents must be in PDF format.



Forensic Science Center , Korda Nemeth Engineering

ENTRY CATEGORIES

CATEGORY A: Studies, Research & Consulting Engineering Services

Non-design services, projects not involving the preparation of construction documents, such as:

- New products, materials and technologies
- Expert testimony
- Basic research and studies
- Computer/software technology
- Technical papers
- Public outreach/involvement
- Water conservation
- Security plans
- Project feasibility studies/ economic/risk
- Value engineering

CATEGORY B: Building/ Technology Systems

- Mechanical/electrical/plumbing
- Computer/technology
- Communications
- Acoustics
- Sustainability or carbon neutrality
- Efficiency certification standards, e.g., LEED
- Software systems
- Energy efficiency - new and retrofit
- Secure facilities (military, research, correctional)

CATEGORY C: Structural Systems

- Foundations
- Tunnels
- Buildings
- Seismic design
- Towers
- Bridges
- Stadiums

CATEGORY D: Survey & Mapping Technology

- Geometrics, ALTA, land title and rights surveys
- Control, GPS, monitoring or construction surveying
- Survey mapping, GIS/LIS/ photogrammetry

CATEGORY E: Environmental

- Hazardous waste
- Solid waste
- Restoration/reclamation/ remediation
- Air quality
- Noise
- Recycling
- Waste pond management
- Carbon sequestration and trading
- Mitigation

CATEGORY F: Waste and Storm Water

- Wastewater collection/treatment and disposal
- Residuals management and reuse
- Graywater systems
- CSOs
- Mine tailings
- Agricultural
- Storm water management
- Erosion control

PREPARING YOUR ENTRY

REQUIRED DOCUMENTS

These documents *must* be electronically submitted.

1. ***COMPLETED ENTRY FORM.*** The entry form is located on the ACEC Ohio ***portal*** . Once the entrant has completed the form online it can be printed for signatures from all required parties, the form can then be uploaded as part of the electronic project submission.

2. ***CLIENT/OWNER LETTER.*** Letter addressed to ACEC Ohio describing the services provided to the client or project owner by the entrant company and authorizing the entry of the project in the competition.

3. ***EXECUTIVE SUMMARY.*** Overview of the project. This document may not exceed one, single-spaced, 8-1/2" x 11" page, with 1" margins, with text in a minimum of 12-point font.

4. ***PROJECT DESCRIPTION.*** Tell the story of the project. Written and may not exceed six (6), single-spaced, 8-1/2" x 11" pages, with 1" margins, with text single-spaced in a minimum of 12-point font. This document **MUST** describe:
   - **a.** Role of entrant's firm in the project.
   - **b.** Role of other consultants participating in the project.
   - **c.** The innovative and creative aspects of the services provided by the entrant company
   - **d.** The complexities of the project
   - **e.** The value of the project to the community
   - **f.** The number of people served by the project
   - **g.** Cost savings resulting from the project, and other noteworthy features.

5. ***SUMMARY.*** Describe in layman's terms why this project is worthy of special recognition (word count between 100-500 words). Explain all factors that exhibit the project's uniqueness and complexity, such as innovative engineering, challenges faced and overall social impact.

NOTE: This summary will provide the basis for all ACEC publicity on the project.

ENTRY CATEGORIES

CATEGORY G: Water Resources
- •Hydraulics, hydrology
- •Surface and groundwater supply development
- •Treatment
- •Transmission, distribution and storage
- •Watershed management
- •Water use reduction
- •Flood risk management
- •Climate adaptation
- •Coastal and eco-system restoration
- •Locks/dams/water control structures
- •Irrigation

CATEGORY H: Transportation
- •Highways
- •Rail
- •Airports
- •Marine/ports
- •Public transit
- •Intermodal facilities

CATEGORY I: Special Projects
- •Safety and security
- •Corrosion protection/cathodic protection
- •Program and construction management
- •Land development
- •Trenchless technologies/ directional boring
- •Recreational facilities
- •Subsurface engineering

CATEGORY J: Small Projects

Total project construction budget does not exceed $2.5 million. At the entrant's discretion, except for entries in Category A. Projects under $2.5 million are not limited to this category.

CATEGORY K: Energy
- •Transmission and distribution
- •Power generation
- •Renewable energy
- •Cogeneration
- •Energy storage technologies
- •Energy usage reduction programs
- •Demand side management

CATEGORY L: Industrial and Manufacturing Processes and Facilities
- •Petrochemical
- •Biotech
- •Manufacturing
- •Heavy industry
- •Industrial waste
- •Materials handling
- •Mining, metallurgy, mineralogy

PREPARING YOUR ENTRY CONTINUED

An electronic file of the exact copy in PDF format of the following items:

1. PHOTOGRAPHIC DISPLAY PANEL
2. PROJECT DESCRIPTION
3. EXECUTIVE SUMMARY
4. SIX (6) DIGITAL COLOR PHOTOGRAPHS OF THE PROJECT:

- **a.** Three (3) taken during the planning, startup and/or construction phases.
- **b.** Three (3) showing the completed project.

Digital photos must have a resolution of at least 300 ppi.

SIX (6) GRAPHS, CHARTS OR OTHER ILLUSTRATIVE GRAPHICS: In lieu of photographs for entries submitted in Category A (Studies, Research & Consulting Services).

PHOTOGRAPHIC DISPLAY PANEL

Panel 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. Photographic panel specifications:

1. **PANEL SIZE**
   - **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).

2. **PHOTOS/GRAPHICS**
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 in area. A background photo is not considered as one of the six allowable images.

3. **TEXT/FONTS**
Plain 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.

4. **REQUIRED ELEMENTS:**
   - **a.** The project title and location of the project.
   - **b.** The client/owner's name and location.
   - **c.** The entering firm's name and location in a minimum of 32-point type.
   - **d.** The ACEC Ohio logo, which can be downloaded from the ACEC Ohio website.

5. **BACK OF PANEL LABEL**
Add a label to the back of the panel with the name, address of the entrant's firm, the project name and entry category.

ACEC Ohio Foam Board Discount

We are offering members a discounted rate to print their board through Hopkins Printing.
1 foamcore board is $106
1 gatorplast board is $143
If you're interested in using this service please reach out to Rachel Vogel at 614.324.4286 or via email at rvogel@hopkinsprinting.com.
Rates include shipping to ACEC Ohio offices.
Ideally, Hopkins would like to have artwork by October 20, 2022.



JPMorgan Chase Parking Lot Solar Canopies, EMH&T



ACEC

American Council of Engineering Companies of Ohio

PREVIOUS ACEC OHIO GRAND AWARD WINNERS

2022	**Strand Associates** – Lick Run Valley Conveyance System and Greenway
2021	**Mott MacDonald & Stantec** – Easterly CSO Tunnel System
2020	**Gannett Fleming** – Buckeye Lake Dam Removal
2019	**Jacobs Engineering** – Dublin Road Water Plant Treatment Capacity Increase
2018	**DLZ Ohio** – OARS-OSIS Augmentation & Relief Sewer
2017	**Stantec** – Scioto Greenways
2016	**AECOM** – University Medical Center New Orleans
2015	**HNTB Ohio** – I-90 George V. Voinovich Innerbelt Bridge
2014	**URS Corporation** – Spaceport America Terminal & Hangar Facility
2013	**HP Limited Inc.** – Central Riverfront Garage – Phase 2
2012	**ms consultants, inc.** – I-70/I-71 Columbus South Innerbelt Study
2011	**DLZ Ohio/HNTB Ohio/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 Ohio** – Perry Street Bridge Replacement
	Karpinski Engineering – Cleveland State University Recreation & Wellness Center
2006	**DLZ Ohio** – 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

1650 Lake Shore Drive, Suite 200 | Columbus, OH | 614.487.8844 | www.acecohio.org