

2023 ACEC/VERMONT ENGINEERING EXCELLENCE AWARDS CALL FOR ENTRIES

The 2023 Engineering Excellence Awards sponsored by the American Council of Engineering Companies/Vermont Section will commemorate **outstanding examples of engineering excellence** in projects recently completed in Vermont. The awards will be announced and presented at the 2023 Engineering Excellence Awards Event.

ELIGIBILITY - Entries may be from ACEC/VT Member or Affiliate Member Firms or Vermont based non-member consulting engineering firms. To be eligible, projects must be substantially complete and ready for use between January 1, 2021, and December 31, 2022, and located in Vermont. (Note: Category F projects need not be constructed, but should be submitted and accepted by the Owner/Client in the above noted time period). **A single firm may submit up to 5 entries.**

SUBMITTAL CRITERIA - Entries must include the following:

Narrative text not exceeding one single sided page (8-1/2" x 11") w/**minimum 10 pt font** submitted in PDF format. Emphasis should be on clear, concise project description specifically addressing the rating guidelines and how engineering excellence is demonstrated by the submitted project.

Digital Poster board measuring 24" x 36" w/**minimal 24 pt font**; in a PDF format. The digital board should illustrate and/or present key elements of the submission.

JUDGING CRITERIA - A panel of judges will review the entries and on the basis of the narrative text and digital poster board, may select a Grand Award winner for each category. Up to two additional entries may receive certificates of outstanding merit. **Rating Guidelines** for judging will be as follows:

CATEGORIES - Entries should be submitted according to the following categories:

Uniqueness and/or Innovative Applications of New or Existing Techniques	20%
Future Value to the Engineering Profession and Enhanced Public Awareness & Enthusiasm of the Role of Engineering	20%
Social, Economic and Sustainable Development Considerations	20%
Complexity	20%
Successful Fulfillment of Client/Owner Needs	20%
TOTAL OF	100%

Category A: Buildings, Structures and Support Systems

- Buildings and Structures
- Mechanical Systems
- Electrical/Electronic Systems
- Communications Systems

Category B: Transportation

- Airports
- Bridges
- Highways/Interchanges/Roadways
- Railroads
- Marine Facilities

Category C: Environmental

- Water Supply/Treatment
- Wastewater Collection/Treatment/Disposal
- Control of Contaminants/Spills
- Solid/Hazardous Waste
- Air Quality
- Resource Recovery

Category D: Water Resources

- Dams (water supply, flood control)
- Stormwater Management
- Erosion Control
- Wetlands

Category E: Special Projects

- Industrial Processes/Material Handling
- Land Development
- Other Constructed Projects

Category F: Studies, Planning, Consulting Engineering Services

- Master Planning
- Economic (e.g., rate) Studies
- Others

DEFINITIONS OF RATING GUIDELINES

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?

Future Value to the Engineering Profession and 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?

Social, Economic and Sustainable Development 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?

Complexity:

- Did the entrant's efforts successfully address highly complex criteria or unique problems?
- Were extraordinary problems of 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?

Successful Fulfillment of Client/Owner Needs:

- Did the entrant successfully engage the client/owner in the overall project development process?
- Did the entrant introduce an economical and cost effective solution?
- How did the final cost compare to the 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?

SCHEDULE - Submit the Application Form with entry fees enclosed to Dawn Moss at Stantec, 193 Tilley Drive, Suite 101, Box 2, South Burlington, VT 05403 **by Friday, December 30, 2022.** Include:

- Project Title
- Name of Owner
- Category
- Individual in charge of entry

Submit PDF entries (digital posters and narratives) via email or OneDrive by noon on Friday, February 3, 2023.

Entries can be emailed to:

Dawn Moss: dawn.moss@stantec.com **and**

Greg Goyette: greg.goyette@stantec.com

or mailed to: 193 Tilley Drive, Suite 101, Box 2,
South Burlington, VT 05403.

SUBMITTALS - Each PDF submittal must include the narrative text and digital poster board. Firm or trade names and logos shall not appear in the narrative text or on the digital poster board submitted for judging.

A 3" x 5" title block on the lower left-hand corner of the board should contain the following information:

American Council of Engineering Companies

Vermont Section

2023 Engineering Excellence Awards

Entry Category (A, B, C, etc.): Category Title _____

ACEC/VT may display digital poster boards at public locations throughout the state (e.g., State House Lobby, malls, conferences) for several months prior to the awards presentation in June. After judging is complete, firms may elect to submit a second digital poster board with their firm name and logo on it no later than February 17, 2023. Firm names and logos are restricted to a 3" x 5" title block on the lower right-hand corner of the board.

ENTRY FEE - The entry fee for each submittal is \$150 for members and \$300 for non-members payable to ACEC/VT due with application submission.

AWARD PRESENTATION - The Awards will be formally announced and presented to the winning firms and their clients at the ACEC/VT Engineering Excellence Awards Event.

DATES TO REMEMBER

Thursday, December 9, 2022—Call for Entries

Friday, December 30, 2022—Applications Due

Friday, February 3, 2023—Submissions Due for Judging (without firm name/company logo)

February 6 - 10, 2023—Judging

Friday, February 17, 2023—Digital boards with firm name/company logo due

Thursday, June 8, 2023—EEA banquet



AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Vermont

2023 ACEC/VERMONT ENGINEERING EXCELLENCE AWARDS Application Form

APPLICATION FORMS - (including entry fee of **\$150** for ACEC/VT Member or Affiliate Member Firms; **\$300** for non-members) due by **December 30, 2022**.

Applications with fees must be sent to:

Dawn Moss, Stantec, 193 Tilley Drive, Suite 101, Box 2, South Burlington, VT 05403

PDF entries consisting of narratives and digital posters, sent via email or OneDrive, are due by noon, Friday, February 3, 2023.

Entries can be emailed to Dawn Moss at dawn.moss@stantec.com AND Greg Goyette at greg.goyette@stantec.com or mailed to 193 Tilley Drive, Suite 101, Box 2, South Burlington, VT 05403

Project Title: _____

Location: _____

Date Completed: _____ (Project completed between January 1, 2021, and December 31, 2022.)

Category: A B C D E F (Circle one—see Call for Entries for category descriptions)

Submitting Firm: _____

Contact Person: _____ **Title:** _____

Address: _____

Telephone: _____ **Fax:** _____

Email Address: _____

The following information will be included on the award certificates for the winning entries:

Project Owner: _____

Contact Name: _____

Address: _____

Client (if different than Project Owner): _____

Contact Name: _____

Address: _____

Contributing Subconsultants (optional): _____

Note that one (1) award plaque will be provided for each winning entry. Additional plaques may be ordered at a cost of \$50 per plaque. Winning firms will need to provide a condensed narrative on two one-sided 3" x 5" index cards depicting the key aspects of their project to be read at the awards presentation ceremony. *These index cards will need to be submitted to ACEC/VT 10 days before the ceremony.*

Please remit the required fee per entry (**made payable to ACEC/VT**) along with this application. For further information, please contact Dawn Moss at dawn.moss@stantec.com.