



Connecticut Society of Civil Engineers  
Section of ASCE

A Better World By Design



CT's Civil Engineering Newsletter

# January 2021

January 4, 2021

Connecticut Society of Civil Engineers  
PO Box 1101  
Deep River, CT 06417

## A Message from your 2020–2021 CSCE President

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[www.csce.org](http://www.csce.org)

A Better World By Design



Dear CSCE Members,

As we start the new year, it is a time for reflection on the past year and looking forward to opportunities the new year may hold. This past year was not a typical year, and CSCE is proud of how our members have adapted and persevered through these difficult times. To support the safety of our members, CSCE has gone virtual for our monthly presentations and limited in person events to outdoors where social distancing could be maintained. Looking back on CSCE's 2020 annual events we have held 4 monthly presentations, a site visit of I-91 Charter Oak Bridge Project, virtual ACE award announcements, annual CSCE/ITE golf tournament, CT Valley Geo-Institute Virtual Mini-Series, as well as, a virtual resume workshop and virtual PE tell all both organized by our Younger Members Group. Additionally, new in 2020, CSCE is now offering Professional Development Hours (PDHs) at our monthly meetings. Looking forward, in 2021 we will continue to hold virtual monthly presentations leading up to our annual ACE awards. Although many of our events vary from years past, we are excited about our shift to virtual where we have seen positive results and it has allowed us to hold additional events than were previously possible.

We look forward to staying connected with our members during this time when we are mostly virtual. If anyone has any ideas or thoughts on additional events you feel would benefit CSCE members, please reach out to me.

Wishing everyone good health, Happy Holidays, and a Happy New Year, we look forward to seeing everyone soon.

Thanks,

George Gerard, P.E.

CSCE President

## **CORONAVIRUS DISASTER RELIEF FOR SMALL BUSINESSES**

Governor Lamont recently announced that the U.S. Small Business Administration (SBA) will be accepting applications from qualifying Connecticut businesses for economic injury disaster loans of up to \$2 million. These loans may be used to pay fixed debts, payroll, accounts payable, and other bills that can't be paid because of the impact of the coronavirus pandemic. **Apply for assistance online** or in person at any Disaster Recovery Center. Contact the customer service team at (800) 659-2955 or [disastercustomerservice@sba.gov](mailto:disastercustomerservice@sba.gov) with question, or call the Department of Economic and Community Development (DECD) at (860) 500-2333 for more information.

## **UPCOMING CSCE EVENTS -**

**Due to the latest surge in the Coronavirus Disease (COVID19) Pandemic, all CSCE Events will be held in a digital format for the foreseeable future.**

**We wish our members and their families the best of health in the New Year.**

**January 26 (Tuesday)** - CT Chapter of the Structural Engineering Institute and the ASCE Student Chapter at University of Connecticut

Please join CSCE at a virtual lunch meeting on Tuesday, January 26, 2021. At this meeting, Tim Ariosto, P.E., and Hannah Rakowski of Wiss, Janney, Elstner Associates (WJE) will provide an overview of a condition assessment and structural review of the historic Perry Memorial Arch in Bridgeport, CT. Constructed in 1918, the Perry Memorial Arch is a monumental brick and stone arch that utilizes unreinforced mass masonry construction. The scope of WJE's investigation included review of historical documentation to develop an understanding of the structure and an extensive field investigation to review the existing conditions at the exterior and interior of the monument. WJE used the findings of the investigation to complete a structural analysis of the monument. The analysis included an assessment of the structure's capacity for wind and seismic loading. In addition to modern numerical methods of analysis, WJE also implemented historic, graphical methods to determine the stability of the arches.

[Click here to Register.](#)

## **Save the Date!**

- **February 23 (Tuesday)** - Legislative Affairs Committee Virtual Lunch Meeting.
- **March 16 (Tuesday)** - Fairfield County Branch Virtual Lunch Meeting.

This years topic is "How to Prevent Bridge Collapse during Construction"

by Vince Siefert of Siefert Associates.

Look for more updates on these events in the coming months!



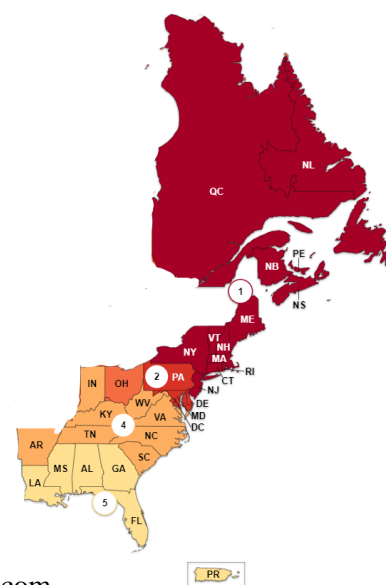
The American Society of Civil Engineers' (ASCE) Connecticut Section Younger Member Group (YMG) is proud to announce that the 2022 ASCE Multi-Region Leadership Conference (MRLC) will be held in Hartford, Connecticut at the Hartford Marriott Downtown/Connecticut Convention Center on January 27-29, 2022. We are excited to host MRLC in Connecticut for the first time in 2022. While the conference won't take place for another year, we are already planning great things for Hartford! We're looking for commitments from local firms and organizations to sponsor the conference. To show our appreciation, contributing organizations will be acknowledged as described for the associated levels listed below. Please note there is limited availability for the Platinum and Gold Level Sponsorships.

Each year the MRLC attracts over 500 engineering professionals, students, and educators from 24 eastern states, 5 eastern Canadian Provinces, and Puerto Rico. The focus of this conference is to mold engineers into leaders of their industry. This conference provides leadership training, professional development, and networking opportunities in addition to technical sessions. Speakers and panelists are typically society, community, industry, or local political leaders providing unique perspectives on leadership and the future of the civil engineering profession.

**Please consider supporting this conference at one of these suggested sponsorship levels.**

To confirm your sponsorship level, please visit our website:

[www.ctmrlc.com](http://www.ctmrlc.com) Please email any questions to [csceymg@gmail.com](mailto:csceymg@gmail.com)



Platinum Level (Limited Availability)	Gold Level (Limited Availability)	Silver Level	Bronze Level
<b>\$5,000</b>	<b>\$2,500</b>	<b>\$1,250</b>	<b>\$500</b>
Sponsor one of the three nighttime events: Thursday Social, Friday Social, or Saturday Awards Dinner (Sponsor Social Selection based on order of sponsorship)	Logo on all conference lanyards  Free one page advertisement in CSCE Newsletter  Listed as a sponsor on networking event signage	Opportunity to provide company promo items for attendee gift bags  One free open position listing in CSCE Newsletter  Personalized 'Thank You' post on social media/website platforms	Listed as a sponsor on conference breakout room posters, slideshows, and mobile app
Company logo on all attendee gift bags	<b>All Silver Level benefits</b>	<b>All Bronze Level benefits</b>	

## **For Members 35 Years or Younger** **CSCE Younger Members Group**

The CSCE Younger Members Group encourages the full professional development of engineers who are 35 years of age or younger and endeavors to increase their participation in CSCE and ASCE activities. Please contact Jodi Greene, P.E., Younger Members Group President, at [Jodi.Greene@wsp.com](mailto:Jodi.Greene@wsp.com) or the CSCE— Younger Members Facebook page for more information about the activities of this Group.



YOUNGER MEMBER GROUP

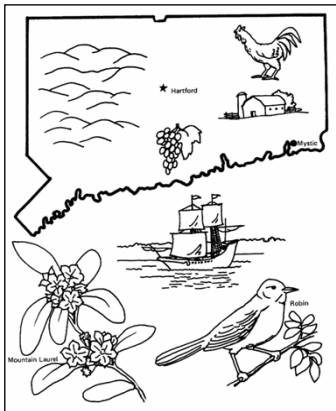
**Younger Members on Facebook** visit our Facebook page to stay updated with past and upcoming Younger Member social and professional events. Search for CSCE Younger Members or follow the link <https://www.facebook.com/CSCEYM> and like the group.



## HONORS AND AWARDS

ASCE's Honors and Awards program recognizes the remarkable accomplishments of the civil engineering profession. With more than 80 awards, the program distinguishes the unique contributions engineers make to both the industry and society.

ASCE has many honors and awards to recognize deserving members. For a complete listing of all ASCE awards, please visit [www.asce.org/awards](http://www.asce.org/awards).



CSCE is soliciting pictures and projects of your favorite Civil Engineering landmarks in CT. The goal is to broadcast the civil engineering projects in Connecticut to our readers. If you have pictures of bridges, buildings, deep cuts, high embankments, monstrous retaining walls, even miniature construction sites, etc. (be creative!) send us a brief description and photograph and we will include it in the next CSCE newsletter. Please send all the information to:

[tariosto@wje.com](mailto:tariosto@wje.com)

## **YOUR AD CAN GO HERE!**

**Get your job posting, message, or advertisement included within one or multiple CSCE Newsletters.**

**For rates and availability:** <http://sections.asce.org/connecticut/sites/sections.asce.org.connecticut/files/CSCE%20Sponsorship%20Request%20Form.pdf>

***The Connecticut Society of Civil Engineers was formed in 1884. Separately, the Connecticut Section of the American Society of Civil Engineers (ASCE) was founded in 1919. The two organizations merged in 1981. We represent about 1,600 civil engineers statewide.***

## **2020 – 2021 CSCE Executive Board**

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**TAKE ANY ASCE WEBINAR**

**20% OF YOUR PURCHASE**  
WILL BE DONATED TO OUR SECTION.

**USE CODE: WEBCTSEC**

### Special Offer on ASCE Webinars for Connecticut Section Members

Did you know that as a Connecticut Section member you get a discount on ASCE National Webinars? Plus some of the registration fee comes back to help fund other Section activities!

## EMPLOYMENT OPPORTUNITIES



Freeman Companies  
Junior Geotechnical Engineer  
Job Posted: April 30, 2020

Freeman Companies is seeking a junior geotechnical engineer to assist with a growing geotechnical engineering practice in the Connecticut area. We are actively seeking candidates with the following qualifications:

- Civil Engineering Degree (BS) from an accredited University, or Master's Degree (preferred) in Geotechnical Engineering
- Engineer-In Training (EIT) credentials
- 1 to 4 years geotechnical work experience
- Experience with coordination and field observation of subsurface explorations and preparation of field logs
- Experience with field observation of geotechnical construction activities and preparation of daily field reports
- Experience with engineering evaluation, and report writing
- Ability to work independently with appropriate senior engineering oversight
- Familiarity with gINT, Slide, Autocad, Word, Excel, and MathCAD

Please call our office at 860-251-9550.



**DOWN TO EARTH  
CONSULTING, LLC**  
GEOTECHNICAL AND ENVIRONMENTAL ENGINEERING

Down To Earth Consulting, LLC  
Staff Engineer/Geologist  
Job Posted: April 6, 2020

Down To Earth Consulting is seeking a Staff Engineer/Geologist to join our geotechnical engineering group in Naugatuck, Connecticut. The successful candidate should have a Bachelor of Science degree in geology or engineering; 0 to 5 years of experience; any work or schooling focused on geotechnical engineering is a plus. Down To Earth Consulting is an Affirmative Action/Equal Opportunity Employer. To learn more about this opportunity, please submit your resume to [ray@downtoearthconsulting.com](mailto:ray@downtoearthconsulting.com).



Langan  
Traffic/Transportation Engineer 6+ Years  
Job Posted: October 12, 2020

Langan opportunity in New Haven, CT for a Traffic/Transportation Engineer with focus on traffic impact studies, parking studies & traffic signal design. Must be knowledgeable in the application of traffic engineering & transportation planning principles for conducting impact analyses & off-site improvement mitigation plans. Equal Opportunity Employer

For details & to apply <https://www.langan.com/jobs/traffic-transportation-engineer-6-years-of-experience>

### ASCE Career Connections:

Unemployed? ASCE National has a program to waive dues of unemployed members. For more information, please write to:

ASCE  
Attn: Member Services Dept.  
1801 Alexander Bell Drive  
Reston, VA 20191-4382  
Toll free: 1-800-548-ASCE  
Direct: 703-295-6169  
Fax: 703-295-6335

Or send an email to [memapp@asce.org](mailto:memapp@asce.org)





Nathan L. Jacobson & Associates

Project Engineer

Job Posted: September 18, 2020

Established Civil and Environmental Engineering firm seeking highly motivated technical personnel with excellent communication skills for a full-time Project Engineer position. Minimum BS degree in Civil Engineering and 3-5 years' experience in general municipal engineering and infrastructure improvement projects. EIT, and AutoCAD Civil 3D experience, required. An Equal Opportunity Employer. For more information and to apply, visit our website; [www.nlja.com](http://www.nlja.com).



Conlon Engineering, LLC

Structural Engineer

Job Posted: September 14, 2020

Conlon Engineering, a growing structural design firm in Brookfield, CT is seeking a structural engineer with 0-3 years of experience doing design work and calculations. We are looking for a smart, hardworking engineer who wants to be part of a profitable firm that is set up for sustainable growth. Visit our website at [conlonengineering.com](http://conlonengineering.com) and email resumes to [office@conlonengineering.com](mailto:office@conlonengineering.com)



Engineering Firm in Branford, CT

Civil Engineer

Job Posted: September 11, 2020

Cindy Carlson 203-643-6895

#### Skills and Experience

- Comprehensive knowledge of concrete, steel, masonry and wood structural design per IBC and referenced codes and standards required.
- Structural design experience in commercial design, required.
- B.S. and M.S. Degree in Civil Engineering (structural coursework emphasis).
- Structural Professional Engineer (PE) license required.

Call Cindy 203-643-6895 or email [cindy@reitmanpersonnel.com](mailto:cindy@reitmanpersonnel.com) for a complete job description



Pereira Engineering

CADD/Survey Technician

Job Posted: September 11, 2020

Civil • Environmental • Land Surveying

Pereira Engineering is an established Civil/Environmental/Land Surveying firm located in Shelton, CT. PE is seeking a Survey/CADD Technician with one plus (1+) years experience in land surveying and/or CADD drafting. Duties include AutoCAD drafting, downloading/uploading survey data, and land record research. PE offers a very competitive salary and benefits. Please email resume to: [joepereira@pereiraeng.com](mailto:joepereira@pereiraeng.com).



Siefert Associates, LLC  
Assistant Engineer (EIT)  
Job Posted: September 11, 2020

Siefert Associates, LLC is seeking an Assistant Engineer (EIT). Position participates in all phases of the design process, including assessing performance of engineering systems, and determining innovative solutions to challenging construction problems.

Project sites are in CT, NY & NJ. Self-motivated, proficiency in MathCAD/AutoCAD preferred; previous construction experience is helpful. B.S./B.E. in Civil Engineering. EIT certified or in pursuit. 0-2 yrs experience.



Siefert Associates, LLC  
Assistant Geotechnical Engineer  
Job Posted: September 11, 2020

Siefert Associates, LLC is seeking an Asst. Geotechnical Engineer. Prepare calcs, drawings, engineering reports, inspect as-built conditions, monitor subsurface exploration, soil testing. Projects include SOE for heavy construction, design & installation of waterfront structures, utility protection, foundations, analyses for slope stability & equipment surcharge, methods of soil improvement. EIT certified or in pursuit. 0-2 yrs experience. MS preferred.



Siefert Associates, LLC  
Structural Project Engineer  
Job Posted: September 11, 2020

Siefert Associates, LLC is seeking a Structural Project Engineer with 5-10 yrs experience in Construction Engineering. Will prepare calcs, design drawings, perform site visits, review lower level engineers' work, manage jobs, communicate with clients, attend client events. Project types include design of temporary support structures, construction loading on structures, engineered lift plans, demolition/erection plans, rigging design and crane layout plans.



Siefert Associates, LLC  
Senior Project Engineer  
Job Posted: September 11, 2020

Siefert Associates, LLC is seeking a Structural Engineer for a highly responsible Senior Project Engineer Position. Senior Project Engineer will serve in a lead technical role on bridge design projects & perform complex structural analysis & design for all structural aspects of highway & rail bridge projects. Responsible for the Project Management of large-scale multifaceted engineering projects, often on advanced deadlines, and will be responsible for the primary Supervision of mid-level engineers. Design Build Experience. 10+ year experiences, MS preferred.