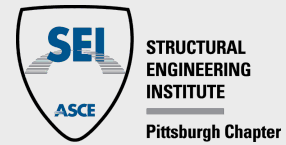


SEI-PGH NEWS



A monthly newsletter brought to you by the Structural Engineering Institute - Pittsburgh Chapter

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FEBRUARY 7, 2022

What the "[Frick](#)" is going on? The Fern Hollow Bridge collapsed on a snowy January morning in Pittsburgh. A 12-story beachfront condominium collapsed in Surfside Florida last June. Investigations into the likely causes of these events is ongoing and will likely take months or years to conclude. The fact that these stories capture the headlines and the attention of the public highlights the rarity of these events, and the rare occurrence of major structural failure is a testament to the diligent efforts of Structural Engineers here and around the world. However, events like these serve as a reminder to us all of our awesome responsibility as Structural Engineers to "above all else protect and advance the health, safety, and welfare of the public." (1)

(1) Taken from the Preamble to the ASCE Code of Ethics

Name That Connection

It is time once again for every Structural Engineer's favorite game. Can you name the location of this connection in a notable Pittsburgh structure? See below for the answer.



Local/Online Educational Opportunities:

Guided Online Courses

[ASCE - Various Structural Topics](#)

Dates Vary

On demand 5-12 week courses, Virtual, \$645-\$1895

10-24 PDH

Tue 2/8

1.5 PDH

[NCSEA - 2021 IBC Significant Structural Changes – Part 1: Loads and Special Inspections](#)

1-2:30 PM, Virtual, \$250-\$300

Wed 2/9

1.0 PDH

[SEI-Pgh Webinar - Design/Construction of the I-579 Urban Open Space ‘Cap’ Project](#)

12-1 PM, Virtual. \$0-\$10

Wed 2/16

1.0 PDH

[ASCE - Significant Changes to the Wind Load Provisions of ASCE 7-22 - Part 3 of 3](#)

12-1 PM, Virtual, \$99-\$129

Sat 2/19

0 PDH

[ASCE Pittsburgh - E-week ASCE Awards Dinner](#)

5:10-9 PM, ESWP, \$25-\$300

Tue 2/22

1.5 PDH

[NCSEA - Structural Engineering Considerations for Mid-Rise, Light Wood Frame Buildings](#)

1-2:30 PM, Virtual, \$250-\$300

Wed 2/23

2.0 PDH

[ASCE - Alternative Designs for Anchorage to Concrete](#)

11:30 AM-1 PM, Virtual, \$99-\$159

Thu 2/24

1.5 PDH

[AISC - Principles and Practice in Seismic Design](#)

1:30-3 PM, Virtual, \$55-\$100

Mon 2/28

2.0 PDH

[ASCE - Evaluation of Building Structural Stability - A Qualitative Approach](#)

11:30 AM-1 PM, Virtual, \$99-\$159

Tue 3/1

1.0 PDH

[ACI - Durable Repair of Corroding Structures: Case Studies Part 2](#)

1-2 PM, Virtual, \$0-\$39

Thu 3/10

1.5 PDH

[NCSEA - 2021 IBC Significant Structural Changes – Part 2: Foundations and Materials](#)

1-2:30 PM, Virtual, \$250-\$300

Thu 3/17

[ASCE - AI for Detecting Structural Problems](#)

1.0 PDH

12-1 PM, Virtual, \$99-\$129

Tue 4/5

1.5 PDH

[ACI - Nondestructive Testing Methods for Evaluation of Structural Concrete](#)

1-2:30 PM, Virtual, \$0-\$39

Out-of-Town Educational Opportunities:

Mon 2/14-Thu 2/17

≤27.5 PDH

[2022 NCSEA Structural Engineering Summit](#)

New York, NY, \$995-\$1295

(Virtual Events 1/31-2/24, \$295-\$500)

Wed 3/9-Sat 3/12

PDH TBD

[2022 ASCE: CI & CRC Joint Conference](#)

Arlington, VA, \$300-\$1050

Wed 3/23-Fri 3/25

≤17.5 PDH

[2022 NASCC: The Steel Conference](#)

Denver, CO, \$0-\$780

Sun 3/27-Thu 3/31

PDH TBD

[2022 ACI Concrete Convention](#)

Orlando, FL, \$20-\$1049

Tue 4/5-Fri 4/8

PDH TBD

[2022 Steel Erectors Association of America 50th Anniversary Convention](#)

Charleston, SC, \$625-\$785

Wed 4/20-Sat 4/23

≤14.5 PDH

[2022 SEI/ASCE Structures Congress](#)

Atlanta, GA, \$305-\$1195

Name That Connection Answer

The suspension cable end connection shown above is one of many that support the roof of the David L. Lawrence Convention Center, the largest LEED Gold Certified convention center when it was completed in 2003 (recertified LEED Platinum in 2012 and 2017).

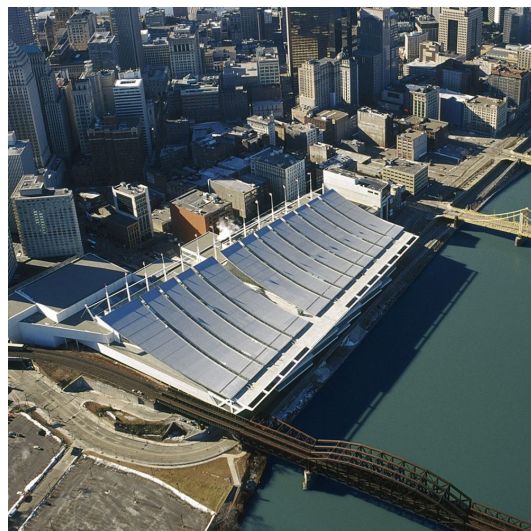
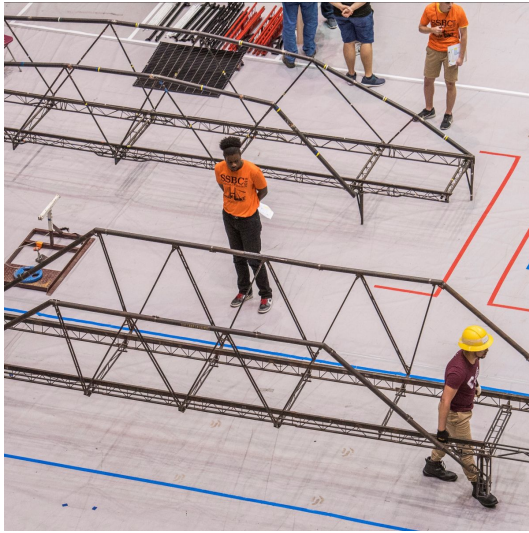


Photo from <https://vinoly.com/works/david-lawrence-convention-center/>



Judgement Day

Want to meet and interact with some of the brightest engineering students from the region? Pitt ASCE is looking for judges for the Steel Bridge Regional Competition on Thursday 4/8. Email Brad Byrom at SEI.Pittsburgh@gmail.com for more info. (Photo from 2019 SSBC National Finals. Photo Credit: Steve Buhman, New Leaf Studio)

Congrats 2022 Fellows

Congratulations to all of the 2022 SEI members that attained the Fellow grade of membership, including our very own John E. Kennelly, P.E., S.E., F.SEI, M.ASCE!



2022 Section Member Drive is Underway!

Last year, the Philippines Section was the fastest growing ASCE Section, with a growth of 3.67%. Let's see if Pittsburgh can do better than that in 2022!

Remember that for each new ASCE professional member that you refer that ends up joining, you get a **\$50 Amazon.com gift card***. If you are the top domestic recruiter, you would also get a **\$500 grand prize gift card***. Your professional referral also gets a **50% discount** on their Society dues! So, go out and find those new ASCE members and be sure to tell them to pick SEI as

their free Institute selection!

<https://info.asce.org/mgam>, or go to [ASCE.org](https://www.asce.org), select “Get Involved” under “Career & Growth” and scroll down to “Participate in Member-get-a-Member”

* There are some rules, of course. More than I want to retype here, so see the website for more details.

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** No calculators or slide rules were hurt in the making of this newsletter **
