



ASCE Illinois Section

News

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Summer 2022

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The Challenges and Opportunities of a Project

Written by Steve Rienks, P.E., PMP

The Project Management Institute (PMI) defines in the Project Management Body of Knowledge (PMBOK): “A project is a temporary endeavor undertaken to create a unique

Each and every project that you/your future employer work on will have six (6) constraints: Scope, Budget, Schedule, Resources, Quality and Risk.

product, service, or result. The temporary nature of projects indicates that a project has a definite beginning and end.”

Most of us employed in the A/E/C industry provide a **service**. The other two, **product** and **result**, don't apply since we are not manufacturing widgets. Nor results, unless you're a testing company and even then, I would argue that they are providing a service.

The PMBOK defines a *temporary endeavor* as follows: *The temporary nature of projects indicates that a project has a*

definite beginning and end. Temporary does not mean a project has a short duration. The end of a project is reached when one or more of the following is true:

- *The projects' objectives have been achieved.*
- *The objectives will not or cannot be met.*
- *Funding is exhausted or no longer available for allocation to the project.*
- *The need for the project no longer exists (e.g., the customer no longer wants the project completed, a change in strategy or priority ends the project, the organizational management provides direction to end the strategy).*
- *The human or physical resources are no longer available; or*
- *The project is terminated for legal cause or convenience.*

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President's Notes

Andrew D. Walton, P.E.



Welcome to June and the beginning of summer. It couldn't come soon enough after this year's dreary Spring with little sunshine to keep the smiles on our faces as we return to the office. And with the weather finally turning, we move full swing into construction season in the Chicagoland area. While the orange barrels may signal headaches for commuters, it means that infrastructure improvements are underway.

The Illinois Section (IS) has been busy with in-person professional events, student outreach activities, and advocacy efforts. This success could not have been possible without many IS members' active participation and dedication. I am happy to report the IS has made significant headway on the initiatives we have embarked upon over these past few months. We have seen a solid return to in-person activity, engagement on the membership front with a new 'Section Spotlight' initiative to highlight individual members, and the release of the 2022 Report Card for Illinois' Infrastructure.

In April, the IS held its first in-person board meeting in over two years. We will continue hosting board meetings in a hybrid format, with virtual and in-person attendance options. On April 14th, the IS hosted our annual President-Elect / Student Scholarship Dinner, providing over \$13K in scholarships and highlighting participants in the Section's Mentor-Protégé program. Over 70 professional, younger, and student members were in attendance, in addition to 2022 ASCE President-Elect Maria C. Lehman.

On April 28th, the IS released the 2022 Report Card for Illinois' Infrastructure. A press conference releasing the grades was followed by a reception in Union Station's Great Hall, with IS members, agency officials, and legislators in attendance from both sides of the aisle. This vital advocacy tool will benefit the industry for years to come as we continue advocating for data-driven infrastructure improvements.



We have also made progress on establishing an Illinois Chapter of the Utility Engineering and Surveying Institute (UESI). A formal petition has been included in this Newsletter. If you are interested in getting involved, please sign the petition, or contact me directly.

The IS has also completed the nomination process for FY22-23 IS Board positions. Please refer to the article in this edition of the Newsletter to see the selected nominees approved at the June IS Board meeting. We are excited to welcome these talented individuals to the IS Board in October.

Thank you for reading and look forward to seeing you soon!

ASCE Illinois Section News

ILLINOIS SECTION NEWSLETTER

E-Mailed to all ASCE-IS dues-paying members
American Society of Civil Engineers Illinois Section - Region 3

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Yours sincerely,

Andrew Walton, P.E.
ASCE Illinois Section President
2021-2022

New Era Begins for License Seekers as P.E. Exam Transitions to Computer-Based Testing

Written by Kaela Worman.

Big changes are underway nationwide for engineers seeking their Professional Engineer licensure this year. As of January 1, 2022, the Principles and Practice of Engineering (PE) Civil exam has transitioned to computer-

As of January 1, 2022, the Principles and Practice of Engineering (PE) Civil exam has transitioned to computer-based testing (CBT) at Pearson VUE test centers.

based testing (CBT) at Pearson VUE test centers. The PE exam tests for a minimum level of competency in a particular engineering discipline and is one of the main requirements for obtaining a Professional Engineer license. PE testing is overseen by the National Council of Examiners for Engineering and Surveying (NCEES), which has been transitioning all exams to CBT since 2011. The Fundamentals of Engineering (FE) exam and other PE disciplines, such as the PE Chemical Exam have been computer-based for years.

The new version of the eight-hour exam still consists of 40 questions

split evenly between a breadth portion in the morning and a depth portion in the afternoon, and the subject material and topic weights have not changed. The final pencil-and-paper PE Civil exam was administered in October 2021, and many license-seekers pushed to sign up for this final paper administration to avoid being one of the first to take the exam in the new format. Although many were concerned about the changes to the exam format, others welcomed the transition and the benefits the CBT experience affords; namely, convenience and cost.

Gone are the days of wheeling in luggage or stacks of milk crates

Gone are the days of wheeling in luggage or stacks of milk crates full of all required reference material, carefully tabbed and bookmarked. All references required for the exams are provided in searchable PDF format.

full of all required reference material, carefully tabbed and bookmarked. All references required for the exams are provided in searchable PDF format. Examinees are

spared from obtaining up to 17 different design standards and references, which can be expensive if the examinee is not lucky enough

The new exam format is a better representation of the industry. Young engineers are often encouraged to text search reference material, manuals, and design standards while on the job to save time, and utilizing electronic versions of these references facilitates easier upkeep with the latest versions.

to be able to borrow the standards from their workplace or coworkers who have already taken the exam. Some civil engineers that have already taken the computer-based version of the exam believe they were able to study more efficiently due to the new format. Time that may have been spent hunting down references and adding tabs was spent working through more practice problems and subject matter.

Providing searchable references does not make the test inherently (Continued on page 9)

ASCE IL Section 2022 Awards: Time for Nominations

Written by Zach Pucel, P.E., Tina Revzin, P.E., S.E. and Rachael Berthiaume, P.E., LEED AP

It's time to nominate your peers, projects, and firms for their contributions to civil engineering and our Society. The Illinois Section of ASCE needs your help in identifying and recognizing

The Illinois Section of ASCE needs your help in identifying and recognizing qualified individuals, projects, firms, and agencies for their contributions to civil engineering and our Society.

qualified individuals, projects, firms, and agencies for their contributions to civil engineering and our Society. Award winners will be acknowledged during our Annual Awards Dinner taking place on October 13, 2022, at the Sheraton Grand on the Riverwalk.

HOW TO NOMINATE?

Information on award requirements, nomination forms, and complete nomination instructions can be found on our website:

Nominations for all 2022 awards are due by July 15th, 2022.

www.isasce.org/awards. Nominations for all 2022 awards are **due by July 15, 2022**. Please submit



the original nomination(s) to Sarah Harbaugh, IS-ASCE, 35W749 Bluff Drive, St. Charles, Illinois 60175 or submit a PDF of the nomination packet electronically to illinoissection@isasce.org.

Any questions can be emailed to Zachary Pucel at zjpucel@tran-systems.com.

IL Section Award recipients are eligible to be nominated by the Section to become candidates for the 2022 ASCE National Awards Program.

WHAT ARE THE AWARD CATEGORIES?

- **Outstanding Civil Engineering Achievement Award (Four Project Size Categories Available)**

- **Sustainability in Civil Engineering Achievement Award**
- **Construction Engineering Person of the Year**
- **Civil Engineer of the Year**
- **Young Civil Engineer of the Year**
- **Government Civil Engineer of the Year**
- **Young Government Civil Engineer of the Year**
- **Citizen Engineer of the Year**
- **Public Involvement Award**
- **Public Sector Employer Recognition Award**
- **Private Sector Employer Recognition Award**

(Continued on page 6)



Illinois Releases its Latest Infrastructure Report Card Giving the State a C-

Written by Patrick Lach, P.E, CFM.

Over 45 engineers from throughout the State of Illinois volunteered their time and effort over the past year to develop [2022 Report Card for Illinois Infrastructure](#). Evaluating 11 categories with respect to their capacity, condition, funding, future need, operation and maintenance, public safety, resilience and innovation, the engineers pored over the latest publicly available data to provide an updated assessment to see how Illinois infrastruc-

Over 45 engineers from throughout the State of Illinois volunteered their time and effort over the past year to develop [2022 Report Card for Illinois Infrastructure](#).

ture is doing. The overall grade is a C- which remained the same as the 2018 Report Card. While several categories showed improvement, notably Dams, Inland Waterways, Roads and Transit, we had a drop in grade for Drinking Water. For this Report Card, Stormwater was added as a new category following the national infrastructure report card and our Illinois Stormwater rated a D+ on its initial assessment.

While a C- is not a grade most students would be totally proud of on their report card, Illinois' infrastructure is rated as mediocre and requiring attention. The last few years has seen a renewed focus in infrastructure both at the Federal and State levels. From the Rebuild Illinois Capital Plan, to low interest loans for drinking water and wastewater projects, and the recently passed Federal Infrastructure Investment and Jobs Act, these critical investments and funding will help improve the current state of Illinois' infrastructure. ASCE feels like the proverbial needle is moving in the right direction towards addressing our infrastructure needs.

While we may not fully acknowledge it, the importance and condition of our infrastructure has a very real and direct impact on every person, business and com-

While a C- is not a grade most students would be totally proud of on their report card, Illinois' infrastructure is rated as mediocre and requiring attention.

munity. We all depend on roads and bridges to get us where we are

ILLINOIS GRADES SUMMARY



going, pipes that deliver clean water to our taps, and a network of inland waterways, ports, rail, and transit to move goods and people. These systems drive and improve our economy and subsequently, our lives.

Illinois is at the crossroads of our country's rail, air, roadway and waterways, which provides our state with a unique competitive economic advantage that should be (Continued on page 10)

ASCE Region 3 Update

Written by John Lazzara, P.E.

I think everyone was hoping for 2021 to be a year of getting back to old routines and putting a more positive outlook ahead of us. Though the year definitely brought some challenging times, it also led to new ASCE collaborations. Members found new ways of

I encourage you to participate in upcoming ASCE IL Section events and check out the additional resources listed on the ASCE Region 3 website: <https://regions.asce.org/region3/>.

engaging each other and staying in contact. Now many of us are starting to return to our offices and it has been refreshing to see co-workers in person again. The same is true with ASCE activities starting to return in person. For many people the social distancing

situation seems to have lasted a very long time. It's easy to forget how important the relationships you develop at work and with ASCE members can mean to your immediate life as well as life-long friendships that form. I encourage you to participate in upcoming ASCE IL Section events and check out the additional resources listed on the ASCE Region 3 website: <https://regions.asce.org/region3/>.

The Region 3 Director and Governors are looking forward to interacting with our ASCE members at the upcoming 2022 ASCE Region 3 Assembly in Cleveland, Ohio on June 24th and 25th.

The Region 3 Director and Governors are looking forward to interacting with our ASCE members at the upcoming 2022 ASCE Region

3 Assembly in Cleveland, Ohio on June 24th and 25th. This year ASCE President-Elect Maria Lehman will be providing an outlook on the State of the Society. One of the numerous topics being presented this year is the Great Lakes Hyperloop! Hyperloop is an exciting new system that moves people and goods at unprecedented speeds safely, efficiently, and sustainably. A route from Chicago to Cleveland to Pittsburgh is currently being studied. The Region 3 Assembly is an opportunity to discuss leadership topics and share experiences between professional and student members across our area.

Author Bio: John Lazzara is an ASCE Region 3 Governor and serves as the Transportation Market Leader for Stanley Consultants focused on professional transportation engineering services.

ASCE IL Section 2022 Awards: Time for Nominations

(Continued from 4)

For additional information and more in-depth award criteria, please go to the IS-ASCE's website – www.isasce.org/awards.

Author Bios: Zach Pucel, P.E. is a Vice President at TranSystems. He serves as a Director of the IS-ASCE

to 2022 and is an Awards Committee Chair.

Tina Revzin, P.E., S.E. is a Structural Engineer at TranSystems. She serves as a Director of the IS-ASCE to 2023 and is an Awards Committee Chair.

Rachael Berthiaume, P.E., LEED AP, is an Environmental Project Manager at V3 Companies, Ltd. She serves as an Awards Committee Member and former Director of IS-ASCE.

2022-2023 ASCE Illinois Section Leadership Ballot Announcement

Written by Andrew Walton, P.E., ASCE Illinois Section President, 2021-2022

I am pleased to announce the nominees for the ASCE Illinois Section (IS) Board officer positions for FY22-23, with terms commencing at the Annual meeting held in conjunction with the Annual Awards Dinner on October 13, 2022, and running through September 2023. In accordance with the IS Bylaws, these Board-approved nominations are being made public more than three (3) months prior to the Annual meeting scheduled for October 13, 2022.

1. Petitions to file additional nominations shall be submitted to the Secretary no later than July 15 and shall be signed by no less than 15 active and dues paying IS members. Petition validity is subject to review by the Board of Directors.
2. Should there be no valid petitions filed for additional nominations, the Board of Directors shall declare the nominees for the non-contested offices elected.
3. Should there be valid petitions filed for additional

nominations, a ballot bearing the names of those nominated for officer positions shall be provided to all active and dues-paying IS members of record not less than 30 days prior to the Annual meeting.

- a. The polls close at 12:00pm on the tenth (10th) day preceding the Annual meeting, October 3, 2022.
 - b. The ballots shall be counted, and the candidate receiving the largest number of votes shall be declared elected. In case of a tie, the Nominating Committee shall elect the office from among the tied nominees.
4. All officers will be sworn in at the Annual meeting on October 13, 2022.

Illinois Section Ballot (2022-2023)

President – Sandra Homola, P.E., CFM

Past President – Andrew Walton, P.E.

President-Elect – Matthew Huffman, P.E.

Treasurer – Thomas Janicke, P.E., S.E.

Secretary – Monica Crinion, P.E.

Directors to 2023 –

- (1) Irsilia Colletti, P.E., S.E.
- (2) Steve Randolph, P.E., CFM, CPESC, LEED GA
- (3) Tina Revzin, P.E., S.E.

Directors to 2024 –

- (1) Muhammad Ali, P.E.
- (2) Robert Brzezona, P.E.
- (3) Saki Handa, P.E., ENV SP

Institute Chairs are determined by the individual Institutes and are not subject to the IS Bylaws. Please feel free to contact me with questions or if more information is required by email at awalton@orionengineersllc.com.

Andrew Walton, P.E., is Vice President of Transportation at Orion Engineers, PLLC, and serves as the 2021-2022 ASCE Illinois Section President (IS-ASCE).

The Challenges and Opportunities of a Project

(Continued from 1)

Projects are temporary, but their deliverables may exist beyond the end of the project. Projects may produce deliverables of a social, economic, material, or environmental nature. For example, a project to build a national monument will create a deliverable expected to last for centuries.

My words... A project at its basic level: Getting things done through people. Your project management/people skills will be put to the test(s) multiple times through your decades-long career as a Civil Engineer. I have attended Dr. Harold Kerzner's lecture and heard him say: "Being a project manager is not for the faint of heart." Let's save that topic for a future discussion. (Google: Dr. Harold Kerzner)

Each and every project that you/your future employer work on will have six (6) constraints. The six (6) constraints are as follows and in no particular order of importance: Scope, Budget, Schedule, Resources, Quality and Risk. (Note: I would argue that a good Project Manager (PM) sits on 6-legged stool and each leg needs to be the same length. If not, then you might get off-balance and who knows what might happen next...) The six (6) constraints are all important but not necessarily equally important. But at some point in time/in a project, each constraint will become the most important (if that makes any sense.) Keep in mind: Projects do not get into trouble overnight. It takes time/effort for that to occur. It is important to have good metrics to measure

progress/lack of progress. Small projects get into trouble quicker. Larger projects take more time.

Projects do not get into trouble overnight. It takes time/effort for that to occur. It is important to have good metrics to measure progress/lack of progress.

For those of us in the A/E/C industry, our projects start and end with the **Scope** -- preferably a well-defined scope of work (the bane of all PMs!). Typically, on public projects (not private projects), the Consultant prepares the scope for the Client on what we understand from what we have received from the Client/Owner. Typically, we don't exclude what will not be performed. A good Consultant communicates to the Client when out of scope work has been identified. But at the same time, we don't want to nickel and dime the Client. In fact, for several Clients (including IDOT and the Tollway), there is specific language in the Contract indicating that the Consultant is NOT to proceed unless they have been authorized to perform the out-of-scope work. When these cases occur, the Consultant prepares a Supplement for further processing by the Client.

Next comes the **Budget**. IDOT and the Tollway have done billions of dollars on transportation projects. They have a good/fairly

good idea of what the construction bids from Contractors will be and the associated fees for design/construction services from Consultants will be. A good PM sets aside 10% for undistributed Reserve. A portion of the Budget at some point in time will need to be reallocated both internally and externally due to unexpected changes in the scope of work.

IDOT and the Tollway also both have multi-year **Schedules**. The Tollway is highly schedule driven. When the Tollway is spending billions of dollars, you can imagine there's another Consultant working on a set of plans, specifications and estimates (PS&E) before your project and after your project. If the Consultant doesn't understand/won't understand the importance of the schedule, then in all likelihood you will find yourself in the Client's office trying to explain why you shouldn't be removed or have your contract terminated for convenience. The A/E/C industry is very competitive; there are always other Consultants that can finish your project. The same holds true for the Contractors.

Resources are both internal (Consultant's staff) and external (sub-consultants). Consultants need to do more resource allocation for their projects. If this is not done, you may have the beginnings of a troubled project. For example, if inexperienced/unqualified staff are assigned to perform various tasks/projects, the budget will get expended too quickly and the (Continued on page 9)

The Challenges and Opportunities of a Project

(Continued from 8)

Consultants need to do more resource allocation for their projects. If this is not done, you may have the beginnings of a troubled project.

quality of the deliverables will be lacking. The result will then be that staff is expected to do more and more with less and less. Pretty soon they are doing everything (something) without the proper resources.

Quality has four (4) components: Plan, Quality Assurance (QA), Quality Control (QC) and Audits. On Tollway projects, Consultants are required by their Contract to prepare a Consultant Quality Plan (CQP). Contactors prepare a CQP (Contractor's Quality Plan). Staff that is independent from those working on the project perform the Quality review

according to the CQP. Audits are performed internally by the Consultants and externally by the Tollway to ensure the CQP is being followed. A quote regarding quality from Willa A. Foster, U.S. Marine is: "Quality is never an accident; It is always the result of high intention, sincere effort, intelligent direction and skillful execution, it represents the wise choice of many alternatives, the cumulative experience of many masters of craftsmanship."

Finally, we get to my favorite topic... It's a four-letter word that ends in **k**. No, it's not that word... it has one vowel... and no, it's still not that word. This constraint is called: **Risk**. Seldom understood and more often misunderstood by the Consultants. Risk is all around us. Especially, in the previous five (5) constraints listed above.

Which constraint is the most important? **Hint: This is a trick question.**

What's the common denominator for each of the six (6) constraints? **Hint: Not a trick question!**

Finally, there's a seventh constraint (Made up by me and not found in the literature.). This constraint consists of which two of the previous six constraints. What would you call it? **Hint: Might/might not be a trick question.**

Author Bio: Steve Rienks, P.E., PMP is a Director of Engineering/Senior Project Manager at American Surveying and Engineering. He is an ASCE Life Member, a mentor in the ASCE-IS's Mentorship Program, a member-at-large of the Transportation and Development Institute (TandDI), and Chair for the soon to be Utility Engineering and Surveying Institute (UESI).

New Era Begins for License Seekers as P.E. Exam Transitions to Computer-Based Testing

(Continued from 3)

easier. Familiarity with the reference material is still necessary, since all design standards are provided with separate files for each chapter. As a result, examinees that are unfamiliar with the content may spend precious test minutes opening and searching multiple files before they find the information they seek. Additionally, it

is no longer possible to bring along a binder full of notes and practice problems with detailed solutions to follow, which was a saving grace for many a pencil-and-paper examinee.

The flexibility of CBT is a marked improvement for test takers as well – the exam is now administered

year-round, so civil engineers across the country will no longer have to wait for the semiannual dedicated testing days in April and October to take the exam. Test takers can easily find available testing appointments on days that work best with their schedules at any Pearson testing sites. There are six (Continued on page 10)

New Era Begins for License Seekers as P.E. Exam Transitions to Computer-Based Testing

(Continued from 9)

centers within the ASCE Illinois Section territory. Even better, if life events or sickness interfere with scheduled exam times, examinees can cancel or reschedule an exam for a small fee without having to wait 6 months to reschedule. The exam results are now posted within 10 days of the exam as opposed to the former excruciating lead time of up to 10 weeks.

Aside from the benefits the examinees receive via CBT, the new format is a better representation of the industry. Young engineers are often encouraged to text search

reference material, manuals, and design standards while on the job to save time, and utilizing electronic versions of these references facilitates easier upkeep with the latest versions.

Regardless of format, prospective examinees still need to practice a large variety of problems and study a broad range of subjects to prepare for exam day. The importance of the PE exam in the civil field remains, and the shift in format does not change the minimum level of competency that is being tested. The transition to CBT merely

negates unnecessary inconvenience and costs while making the exam more relevant to the state of the industry today.

Author Bio: Kaela Worman is a Transportation Engineer with Milhouse Engineering and Construction, Inc. She serves as Director to 2022 for ASCE YMG.

Illinois Releases its Latest Infrastructure Report Card Giving the State a C-

(Continued from 5)

protected and enhanced. These recent investments will help Illinois capitalize on our geographical advantages, which in turn will create and promote growth for our state's economy and citizens.

However, there are still significant under investments in several categories which can impact our competitive advantage while also negatively impacting the health, safety and welfare of our citizens. We must continue the successful momentum of focusing on improving our infrastructure and continue to make strides to stabilize and enhance it.

Our report card not only assesses the categories, but also looks at

ways to improve the grades with general recommendations and spe-

ASCE feels like the proverbial needle is moving in the right direction towards addressing our infrastructure needs.

cific recommendations for each category. Our overarching recommendations outlined in the report are below:

Those recommendations outlined in the report card include.

1. Increase focus on workforce development;

2. Increase funding and financing for Illinois' communities and water agencies to tackle the lead service line problem;
3. Implement dedicated funding sources through stormwater utilities and leverage available state and federal funds to reducing urban flooding; and finally,
4. Decision-makers at all levels of government should prioritize investments in the Illinois multimodal freight network and accelerate progress, particularly in the rail, ports, inland waterways, and roadway network.

(Continued on page 13)

UESI Illinois Chapter Petition

To the Illinois Section of the American Society of Civil Engineers Board of Directors:

Whereas the formation of a subsidiary organization is provided for in Article VI Section VI.04 of the bylaws governing the **Illinois Section of the American Society of Civil Engineers** (hereinafter referred to as the “Section”), as revised 06/07/2021, and

Whereas active members of the Section may request to form a subsidiary organization upon petition to the Board of Directors, and

Whereas the bylaws require the petition of no less than twenty (20) active members of the Section for the formation of a subsidiary organization, to be known as the “Utility Engineering & Surveying Institute, Illinois Chapter” (hereinafter referred to as “UESI Illinois Chapter”), and

Whereas the petitioners, steering committee and the Section have a genuine interest in forming the UESI Illinois Chapter and have the requisite experience,

We the undersigned hereby petition the Section for the formation of the UESI Illinois Chapter, subject to the approval of the Board of Directors, approval of bylaws for continuous operation of the UESI Illinois Chapter, and the executed Memorandum of Understanding (MoU) with the Society.

No.	Name	Signature
(1)		
(2)		
(3)		
(4)		
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(15)		

Summer 2022

To inform Illinois Section members of the discussions at monthly Board meetings, the Section Secretary contributes this article to the newsletter covering March 2022, April 2022, May 2022, and June 2022 IS Board meetings. Due to COVID-19 the March Illinois Section Board meeting was held via MS Teams. Starting in April 2022, the Illinois Section Board meetings returned to in-person format with a virtual option. Any questions or comments on the Board activities are welcome by contacting Matt Huffman at mhuffman@cbbel.com.

■ Treasurer’s Report

▲ A treasurer’s report was presented and approved at the March 2022, April 2022, May 2022, and June 2022 IS Board meetings. The March 2022, April 2022, and May 2022 Board Meeting minutes were approved.

■ Highlights from Illinois Section Activities and Institute/Group Reports.

▲ **2022 Illinois ASCE Infrastructure Report Card Release** – The 2022 Report Card for Illinois Infrastructure was officially released on April 28th at a launch event held at Union Station’s Great Hall, which resulted with the same letter grade of a C- rating as the 2018 report card. Morreale Communications was engaged to assist with public relations support for the report card release. More information can be found on the 2022 Report Card for Illinois Infrastructure at:

<https://infrastructurereportcard.org/state-item/Illinois/>. Prior to the report card release, Illinois Section leadership held and participated in a Public Relations & Government Relations University training on April 8th led by ASCE staff.

▲ **Utility Engineering & Survey Institute** – Following an initial exploratory period, the ASCE IS will be proceeding with starting a Utility Engineering & Survey Institute (UESI). An initial core board has been identified and the formal formation of the UESI is anticipated to be completed by the October Annual Dinner. There are currently 17 active UESI chapters nationwide within ASCE. If you, or if you know of anyone interested in the UESI, please contact IS President Walton.

▲ **President-Elect / Spring Dinner** – The Spring Dinner was held on April 14th, 2022, at Maggiano’s Little Italy (Chicago) with 68 attendees, including ASCE President-Elect Maria Lehman, seven IS past presidents, 12 mentorship participants, and 8 scholarship winners. A total of nine scholarships were awarded to IS students (IIT, UIC, and NU).

▲ **Region 3 Assembly** – The ASCE Regional 3 Assembly will be held in Cleveland, Ohio from June 23-25. Three IS Directors are registered and are planning to attend on behalf of the IS.

▲ **2023 Section Dues** – The IS Board voted to leave the Illinois Section dues at \$30 for FY2023.

▲ **IS-ASCE Officer Nominations** – The nominating process is underway for the FY22-23 IS Board positions, which include Secretary and three (3) Director to 2024 positions. Per the IS Bylaws, a nominating committee has been formed to consider and select candidates for these IS Board positions. Formal notification to IS membership of the selected nominees is included in the newsletter. For more information about the Illinois Section Board nominations process, please refer to the Bylaws Article III

(<https://www.isasce.org/about/governance-and-guiding-documents/>)

▲ **Construction Institute (CI)** – The CI held their Board meeting on March 10th, April 25th, and May 23rd. A luncheon was held on April 28th for CMAE Concept at O’Hare with Frank Grimaldi, Jr. A joint SEI & CI event was held on May 26th at Pazzo’s for a presentation on the Wells-Wentworth project. For more information or if interested in joining this institute, please contact CI Chair Muhammad Ali at Muhammad.Ali@exp.com.

▲ **Environmental & Water Resources Institute (EWRI)** – The EWRI held their Board meetings on March 8th, April 12th, and May 10th. EWRI is planning a celebration for the 50th anniversary of the Clean Water Act on July 15th (10am – 12pm) at Ping Tom Memorial Park Pagoda. A Spring Social River Walk Tour was held (Continued on page 13)

Secretary Report

(Continued from page 12)

on April 21st. A Chicago River Day Cleaning Volunteering Event was held on May 14th. Please contact EWRI Chair Saki Handa with any questions or for information about EWRI activities at Saki.handa@optimatics.com.

▲ **Geo-Institute (GI)** – The GI held their Board meeting on April 7th. The 2022 Chicago Lecture Series was held on May 5th at Harbor-side International Golf Course. Please contact GI Chair Alex Potter-Weight with any questions or for information about GI activities at apotter-weight@menardgroup-usa.com.

▲ **Structural Engineering Institute (SEI)** – The SEI held their Board meeting on March 24th, April 21st, and May 18th. A seminar was held on April 19th *Network Tied-Arch for CAHSR Project* via Zoom. A joint seminar event with CI was held on May 26th *Well-Wentworth Road and Bridge Construction Update* at Pazzo's (Chicago). A NHI Bridge Inspection Refresher Course was held June 7th

through June 9th. Please contact SEI Chair Patrick Laux with any questions or for information about SEI activities at Patrick.Laux@wsp.com.

▲ **Transportation & Development Institute (T&DI)** – The T&DI held their Board meetings on March 16th, April 13th, and May 11th. An in-person luncheon was held on March 17th featuring Omer Osman, Secretary for Illinois Department of Transportation at Maggiano's in Oak Brook. An in-person luncheon was held on May 26th featuring Dan Burke, Deputy Commission/Chief Engineer at CDOT. Please contact T&DI Chair Brian Castro with any questions or for more information at brian.castro@mbakerintl.com.

▲ **Younger Member Group (YMG)** – The YMG held Board meetings on March 2nd, April 6th, and May 4th. The YMG is planning on holding a virtual PE Review Course starting the week after July 4th. YMG held an in-person trivia night on March 29th. For more

information about YMG activities or if interested in joining this group, please contact YMG Chair Kyle Sant at ksant@sam-schwartz.com.

▲ **Urban Planning & Development Group (UP&D)** – Please contact UP&D Chair Saad Khatri with any questions or for more information at skhatri@gsg-consultants.com.

The Illinois Section Board meetings are held the first Monday of the month, except for holidays. The next board meeting is scheduled for August 1, 2022, and will be held in-person with a virtual option via MS Teams. If you are interested in attending these meetings, please contact President Andrew Walton at awalton@orionengineersllc.com.

By Matt Huffman, P.E.
ASCE Illinois Section Secretary
2020-2022
mhuffman@cbbel.com

Illinois Releases its Latest Infrastructure Report Card Giving the State a C-

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For more information, please feel free to visit the Report Card website at <https://infrastructurereportcard.org/state-item/illinois/> or contact Patrick Lach at plach@heyassoc.com.

Author Bio: Patrick Lach, P.E., CFM is a Principal Civil Engineer at Hey and Associates, Inc. and served as the Chair for the 2022 ASCE-IS Report Card Committee.

Illinois Section

Activities

IL Section ASCE T&DI Board Meeting

Date: Wednesday, June 22

This meeting will be both in person and online via conference call.

Board meetings are open to all members, if you plan to attend, please inform T&DI Chair, Brian Castro, at bcastro@des-cotoinc.com.

IL Section ASCE T&DI June Luncheon

Date: Wednesday, June 29

Speaker: Lanyea Griffin, Interim Executive Director, Illinois Tollway

Time: 11:30am-1:15pm

PDH: 1 PDH will be awarded for attending this webinar.

RSVP: [IS-ASCE T&DI June 2022 Luncheon – Illinois Tollway](#)

by June 27.

Contact: Michal Miczek, IS-ASCE T&DI Vice Chair for Programs, 773-380-7907

IL Section ASCE EWRI 50th Anniversary of the Clean Water Act Celebration

Date: Friday, July 15

Time: 10:00 am

Place: Ping Tom Memorial Park Pagoda

1900 S. Wentworth Ave.
Chicago, IL 60616

Contact: Saki Handa, Chicago Chapter EWRI, (815) 345-9538 or Saki.handa@optimatics.com
[Event Flyer](#)

IL Section ASCE 2022 Award Nominations Due

Date: Friday, July 15

IL Section ASCE SEI Summer Field Trip (SAVE THE DATE)

Date: Friday, July 22

Tour: Chicago Transit Authority's (CTA) Red-Purple Modernization (RPM) Program.

ASCE CI Student Days

Date: July 29 – August 2

[Apply Today!](#)

IL Section ASCE CI – Alternative Project Delivery Workshop: The Engineer's Evolving Role as Alternative Project Delivery is Growing (SAVE THE DATE)

Date: Friday, September 16

Place: DoubleTree by Hilton Chicago O'Hare - Rosemont
5460 N. River Road
Rosemont, IL 60018

IL Section ASCE Annual Dinner (SAVE THE DATE)

Date: Thursday, October 13

Place: Sheraton Grand Chicago
301 E. North Water Street
Chicago, IL 60611

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