

**Mailer 1 - Student Chapter Registration & Symposium Information**  
**2025 ASCE Eastern Great Lakes Student Symposium**  
**Hosted by Michigan Technological University**  
**April 10, 2025 – April 12, 2025**



October 15, 2024

Dear ASCE Student Chapter of the ASCE Eastern Great Lakes Student Conference:

This is your **2025 ASCE Eastern Great Lakes Student Symposium** Mailer 1, the first of three informational packets to be sent to each participating ASCE Student Chapter in our Student Conference.

Please carefully read this information and forward copies to the appropriate members in your ASCE Student Chapter and team members for each team competing at the student symposium. Do not delete this mailer as information given within may not be repeated in subsequent mailers. Enclosed you will find the following information:

- Receipt confirmation
- Upcoming deadlines
- Society competition intent forms
- Student chapter registration form
- Student Symposium Paper Competition information
- ASCE competition eligibility requirements
- Competition rules and resources
- Tentative student symposium schedule/plans, and
- Hotel accommodations/ local information

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*Receipt of this mailer should be confirmed by completing the online [Mailer 1 Acknowledgment Form](#) by October 31, 2024.*

*Please note the school registration deadline is November 15, 2024.*

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If you have any questions, feel free to contact us at our general student symposium e-mail address, listed below. All symposium information such as events, mailers, policies, rules, etc. will be posted on our website, also listed below.

We look forward to your participation in the 2025 ASCE Student Symposium and providing an opportunity to engage with other student chapters and ASCE Region Leadership.

Sincerely,

**Brendan Tanner**  
President, ASCE Student Chapter  
Michigan Technological University

**Ryan Andrick**  
Chair, 2025 Eastern Great Lakes ASCE Student Symposium

<b>ASCE Student Symposium website</b>	<a href="https://studentsymposium.asce.org/eastern-great-lakes/">https://studentsymposium.asce.org/eastern-great-lakes/</a>
<b>General symposium email address</b>	<a href="mailto:asce@mtu.edu">asce@mtu.edu</a>

## Mailer 1 Receipt Confirmation

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Follow the link below to complete the Mailer 1 Receipt Confirmation due no later than October 31, 2024.

Mailer 1 Receipt Confirmation Link –  
Eastern Great Lakes





[https://forms.office.com/Pages/ResponsePage.aspx?id=B-YdJSbRh0C9AD\\_okZL6Hk\\_dxIz-p7NKmZJoCgyF\\_LxUMUVIOFBWR1IFSEk3OVAz\\_WFo1NFRFSEM3RC4u](https://forms.office.com/Pages/ResponsePage.aspx?id=B-YdJSbRh0C9AD_okZL6Hk_dxIz-p7NKmZJoCgyF_LxUMUVIOFBWR1IFSEk3OVAz_WFo1NFRFSEM3RC4u)

# ASCE Society Competition Intent Forms



## REQUIREMENT TO COMPETE

Statement of Intent and Acknowledgement of Eligibility Requirements must be filled out for **EACH** ASCE Society Competition to compete. Please click the links below to fill out the intent form for the competitions your chapter plans to compete in.

## ASCE SOCIETY-WIDE COMPETITIONS

Competition	ASCE Sustainable Solutions Competition 	ASCE UESI Surveying Competition 	AISC/ASCE Student Steel Bridge Competition 	ASCE Concrete Canoe Competition 
Intent form link	<a href="https://asceforms.wufoo.com/forms/wyeu96h0sq4l2a/">https://asceforms.wufoo.com/forms/wyeu96h0sq4l2a/</a>	<a href="https://asceforms.wufoo.com/forms/wyeu96h0sq4l2a/">https://asceforms.wufoo.com/forms/wyeu96h0sq4l2a/</a>	<a href="https://asceforms.wufoo.com/forms/wyeu96h0sq4l2a/">https://asceforms.wufoo.com/forms/wyeu96h0sq4l2a/</a>	Research and Development Schedule, Letter of Intent, and RFQ Pre-Qualification Form (uploaded to ASCE server)
Due date	November 1, 2024 by 5:00pm, Eastern Time	November 1, 2024 by 5:00pm, Eastern Time	November 1, 2024 by 5:00pm, Eastern Time	November 1, 2024 by 5:00pm, Eastern Time
Add'l info	Must be completed by team captain and faculty advisor(s). A separate form will be submitted by each entity. Completing this form is necessary to receive the unique link for uploading the competition submissions. ASCE will send links at the end of January.	Must be completed by team captain and faculty advisor(s). A separate form will be submitted by each entity. Completing this form is necessary to receive the unique link for uploading the topographic mapping project. ASCE will send links at the end of January.	Must be completed by team captain and faculty advisor(s). A separate form will be submitted by each entity. Completing this form is necessary to receive your SSBC stipend.	Please visit the <a href="#">2025 ASCE Concrete Canoe Request for Proposal Rules</a> to access the required forms and submission information.

## ASCE SOCIETY PILOT AND LOCAL COMPETITIONS

<b>Competition</b>	<b>ASCE Construction Institute Competition</b>  	<b>ASCE Timber-Strong Design-Build Competition</b>  	<b>ASCE Eastern Great Lakes Wastewater Treatment Competition</b>
<b>Intent form link</b>	<a href="https://asceforms.wufoo.com/forms/w1rng23r0k8h1h4/">https://asceforms.wufoo.com/forms/w1rng23r0k8h1h4/</a>	<a href="https://asceforms.wufoo.com/forms/w1rng23r0k8h1h4/">https://asceforms.wufoo.com/forms/w1rng23r0k8h1h4/</a>	<a href="https://forms.gle/347DMW47YrV9769f6">https://forms.gle/347DMW47YrV9769f6</a>
<b>Due date</b>	November 1, 2024 by 5:00pm, Eastern Time	November 1, 2024 by 5:00pm, Eastern Time	December 1, 2024 by 5:00pm, Eastern Time
<b>Add'l info</b>	Must be completed by team captain and faculty advisor(s). A separate form will be submitted by each entity. Completing this form is necessary to receive the unique link for uploading the project deliverables. ASCE will send links one week before the competition.	Must be completed by team captain and faculty advisor(s). A separate form will be submitted by each entity. Completing this form is necessary to receive the unique link for uploading the competition submissions. ASCE will send links in mid-January.	Competition rules can be found on the ASCE EGL Symposium Website: <a href="https://studentsymposium.asce.org/eastern-great-lakes/competitions/">https://studentsymposium.asce.org/eastern-great-lakes/competitions/</a> or below: <a href="https://drive.google.com/file/d/1HakfY8Fx8oCgdMiX68-EOQnwwndP6Hsv/view?usp=sharing">https://drive.google.com/file/d/1HakfY8Fx8oCgdMiX68-EOQnwwndP6Hsv/view?usp=sharing</a>

## Important Upcoming Deadlines

We highly recommend that you share this information with your chapter, including any competition captains.

### 2024 DEADLINES

<b>October 31</b>	Mailer 1 Receipt Confirmation due from each student chapter.	All teams
<b>November 1, by 5:00 pm Eastern</b>	Statement of Intent & Acknowledgement of Eligibility Requirements Form due from each team intending to compete in a Society-wide or Society Pilot Competition – Concrete Canoe, Student Steel Bridge, Sustainable Solutions, Surveying, Construction Institute, Timber-Strong, and 3D Printing.  <i>One form is required for each competition and must be filled out by the team captain and faculty advisor. <u>The online form* must be completed by the team captain and faculty advisor(s). Each entity will submit a separate form.</u> * Concrete Canoe forms can be found in the <a href="#">2025 ASCE Concrete Canoe Request for Proposal Rules</a>.</i>	All teams
<b>November 1, by 5:00 pm Eastern</b>	Concrete Canoe Research and Development Schedule and RFQ Pre-Qualification Form due.	Concrete Canoe
<b>November 1</b>	Each Timber-Strong Design Build team member who is a builder must complete the <a href="#">Ladder Training Safety</a> online course and submit certification of completion to Cerberus before project work begins. <i>(Unique and secure link to be provided to each team from ASCE)</i>	Timber Strong
<b>November 15</b> (postmarked by)	Student Chapter Symposium registration is due (see instructions on page 8)	All teams

### 2025 DEADLINES

<b>January 6, by 5:00 pm Eastern</b>	Surveying Competition Topographic Mapping Project released to teams by 5:00 pm EST in the <a href="#">ASCE UESI Surveying Competition Collaborate Site</a> .	Surveying
<b>January 15</b>	Mailer 2 sent to each student chapter.	All teams
<b>January 31</b>	Timber-Strong Design Build Phase One Project deliverables are due. <i>(Unique and secure link to be provided to each team from ASCE)</i>	Timber Strong
<b>January 31</b>	Mailer 2 Receipt Confirmation due from each student chapter.	All teams
<b>February 1</b>	ASCE Student Chapter Annual Reports are due by 11:59 pm EST to ASCE. <i>(More information on Annual Reports can be found <a href="#">here</a>. If you have questions on your</i>	All teams

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	<i>Annual Report, email <a href="mailto:student@asce.org">student@asce.org</a>). <b>Submitting the ASCE Student Chapter Annual Report is an <a href="#">eligibility requirement</a> to compete at the Student Symposia Competitions and to advance to Society-wide Competition Finals. See the <a href="#">eligibility requirements for details</a>.</b></i>	
<b>February 1</b>	ASCE Student Chapter annual dues must be paid, as received by ASCE, no later than 11:59 p.m. EST. <b>Paying ASCE Student Chapter annual dues is an <a href="#">eligibility requirement</a> to compete at the Student Symposia Competitions and to advance to Society-wide Competition Finals. See the <a href="#">eligibility requirements</a> for details.</b>	All teams
<b>February 3</b>	ASCE Construction Institute Student Symposium Competition Team Form is due. <i>Links to the form will be sent from ASCE to team captains and faculty advisors per information provided on intent forms.</i>	Construction Institute
<b>February 12</b>	Attendee Registration is due.	All teams
<b>February 13</b>	Concrete Canoe Project Proposal, Mix Design Sheets, & Materials Notebook due. <i>(Upload to respective folder link provided by ASCE)</i>	Concrete Canoe
<b>February 24</b>	Surveying Competition Topographic Mapping Project Plans due by 5:00 pm EST <i>(Unique and secure link to be provided to each team from ASCE)</i>	Surveying
<b>February 28</b>	Timber-Strong Design Build Phase Two Project deliverables are due. <i>(Unique and secure link to be provided to each team from ASCE)</i>	Timber Strong
<b>March 1</b>	Student Symposium Paper Competition submission due to <a href="mailto:asce@mtu.edu">asce@mtu.edu</a>	All teams
<b>March 7</b>	Timber-Strong Design Build Phase Three Project deliverables are due. <i>(Unique and secure link to be provided to each team from ASCE)</i>	Timber Strong
<b>March 7</b>	Timber-Strong Design Build - All Change Orders and final submittals uploaded to ASCE's Cerberus ftp server. <i>(Unique and secure link to be provided to each team from ASCE)</i>	Timber Strong
<b>March 12</b>	Final Date for Late Attendee Registrations	All teams
<b>March 12</b>	Mailer 3 (final) sent to each student chapter.	
<b>March 19</b>	Mailer III Receipt Confirmation due from each student chapter.	All teams
<b>March 19</b>	Sustainable Solutions Competition Technical Design Proposal, Envision Checklist and Criteria Justification, Public Outreach Poster, and Sketchup files are due. <i>(Unique and secure link to be provided to each team from ASCE)</i>	Sustainable Solutions
<b>April 10 - 12</b>	<b>2025 ASCE Eastern Great Lakes Student Symposium</b>	All teams

## Student Chapter Symposium Registration

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**Chapter Registration is due by November 15, 2024.**

Please visit our symposium website at [Chapter Registration – Eastern Great Lakes \(asce.org\)](https://www.asce.org) to register your chapter for the 2025 ASCE Eastern Great Lakes Student Symposium.

Chapter Registration is \$320 per chapter. Registration form (online) and payment are due by November 15, 2024. Late chapter registration and payment will not be accepted after Feb 1, 2025. An additional \$100 late fee will be applied to the registration fee after the specified deadline.

Payment can be completed here: [Chapter Registration Payment](#). Add the chapter registration to the cart and check out as a guest. You will be prompted to provide chapter and contact information prior to purchase. When the individual registration opens, those payments will be made using the same system. More information on individual registration will be provided in Mailer 2. Cash and Check payments will not be accepted.

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*If your chapter will NOT be participating in the 2025 ASCE Eastern Great Lakes Student Symposium, please email [asce@mtu.edu](mailto:asce@mtu.edu)*

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## Student Symposium Paper Competition

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The ASCE Student Symposium Paper Competition emphasizes the importance of being able to write and present a paper as essential communication skills for all engineers and often necessary for advancement in your career. The competition consists of a paper submission and a presentation at the student symposium.

The topic for the 2025 ASCE Eastern Great Lakes Student Symposium Paper Competition is:

Submission deadline is: March 1, 2025

Submission email/link is: [asce@mtu.edu](mailto:asce@mtu.edu)

Consider the Francis Scott Key Bridge Collapse in Maryland, the Interstate 95 Collapse in Pennsylvania, or other infrastructure disasters. Civil engineers are responsible for planning, designing, constructing, maintaining, and operating infrastructure while protecting and advancing the health, safety, and welfare of the public. Following large infrastructure disasters, civil engineers are often placed in the public spotlight to respond and assess the cause of the disaster and how to prevent future similar events.

**Considering ethics, what role do civil engineers play in the prevention and response to an infrastructure disaster? Should an infrastructure disaster rouse civil engineers globally to advocate for more resilient protections for built infrastructure from climate-driven and/or man-made disasters?**

This topic is the same topic as the Daniel W. Mead Prize for Students. However, the Student Symposium Paper Competition and the Daniel W. Mead Prize for Students are two separate competitions and **must be submitted separately**. The Student Symposium Paper Competition paper is due March 1<sup>st</sup> and submitted to [asce@mtu.edu](mailto:asce@mtu.edu). The [Daniel W. Mead Prize for Students](#) is due March 1<sup>st</sup> and submitted to [student@asce.org](mailto:student@asce.org).

### \*\*\*\*\*SOCIETY-WIDE FINALS ELIGIBILITY REQUIREMENT\*\*\*\*\*

Both the paper submission and the presentation are mandatory for any ASCE Student Chapter participating in the 2025 ASCE Eastern Great Lakes Student Symposium that wishes to be [eligible to advance to ASCE Society-wide competition finals and SSBC National Finals](#). Competitions **requiring** participation include:

- ASCE Concrete Canoe Competition
- ASCE Sustainable Solutions Competition
- ASCE UESI Surveying Competition, and
- AISC/ASCE Student Steel Bridge Competition.

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*Note: Any papers/presentations created for any other competition do not count as an entry into the Student Symposium Paper Competition.*

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## Competition Information

### SOCIETY COMPETITIONS AT THE 2025 ASCE EASTERN GREAT LAKES STUDENT SYMPOSIUM

#### Society-wide Competitions

##### ASCE Sustainable Solutions Competition



##### ASCE UESI Surveying Competition



##### AISC/ASCE Student Steel Bridge Competition



##### ASCE Concrete Canoe Competition



#### Society Pilot Competitions

##### ASCE Construction Institute Competition



##### ASCE Timber-Strong Design-Build Competition



Society competition rules can be found at: <https://www.asce.org/communities/student-members/conferences/rules>.

### LOCAL COMPETITIONS AT THE 2025 ASCE EASTERN GREAT LAKES STUDENT SYMPOSIUM

- Student Symposium Paper Competition
  - Participation is a requirement for advancement to Society-wide competition finals and SSBC National Finals
- Student Wastewater Treatment Competition
- Concrete Novelty Competition
  - The rules and specifications will be detailed in Mailer II.
  - There will be no deadlines or submissions prior to the Student Symposium.

Local competition rules can be found at:

<https://studentsymposium.asce.org/eastern-great-lakes/>

# ASCE Society Competition Eligibility Requirements

*Competitions that advance to an ASCE Society-wide Competition Finals include the ASCE Concrete Canoe Competition, ASCE Sustainable Solutions Competition, and ASCE UESI Surveying Competition. The AISC/ASCE Student Steel Bridge Competition advances to the SSBC National Finals and follows the eligibility requirements below. See [SSBC Rules](#) for more information.*

*The purpose of student competitions is to provide student members career-enrichment opportunities to gain hands-on, practical experience and leadership skills. Society Competitions are an important and special opportunity to showcase the engineering and professional skills of student teams. As such, mutual respect is required for all stakeholders, including competitors, judges, hosts, and guests. Invitations to the Student Symposia and the ASCE Student Civil Engineering Championships/Society-wide Competition Finals are a privilege, not a right. Failure to act professionally can result in sanctions, disqualifications, and loss of invitations. Please note that the requirements for eligibility for Society-wide competition finals are more stringent than the requirements for participation at the student symposia competitions.*

## ELIGIBILITY FOR STUDENT SYMPOSIUM COMPETITION

The following qualifications are required of all ASCE Student Chapters to compete at the Student Symposia Competitions:

An ASCE Student Chapter must:

1. Be in good standing with ASCE:
  - a. Have paid their annual dues, as received by ASCE, **no later than the start of their Student Symposium.**
  - b. Have submitted their student chapter's full Annual Report or EZ Annual Reporting Form **no later than February 1, 11:59 p.m. EST.**

## ELIGIBILITY FOR ASCE SOCIETY-WIDE COMPETITION FINALS

The following qualifications are required of all ASCE Student Chapters in order to advance to the ASCE Society-wide Competition Finals:

An ASCE Student Chapter must:

1. Be in good standing with ASCE:
  - a. Have paid their annual dues, as received by ASCE, no later than February 1, 11:59 p.m. EST.
  - b. Have submitted their student chapter's **full Annual Report, no later than February 1, 11:59 p.m. EST, and have received a minimum score of 25 points out of a possible 100. Student Chapters that submit an EZ annual reporting form do not qualify** to advance to competition finals; and
2. Attend and participate in their assigned Student Symposium as shown through their school's:
  - a. On-time attendance and active participation by a member of the ASCE Student Chapter at the Student Symposium Business Meeting.
  - b. Participation in the Student Symposium Paper Competition, including submission and presentation by a member of the ASCE Student Chapter. Note that any papers/presentations created for any other competition do not count as an entry into the Student Symposium Paper Competition.

Questions regarding eligibility should be directed to [student@asce.org](mailto:student@asce.org).

## Hotel Information

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Please visit <https://www.visitkeweenaw.com/lodging/hotels-motels/> to find accommodations for your chapter.

The planning committee **highly recommends making reservations ASAP** due to limited lodging space. Any lodging issues will force lodging outside a 30-minute campus area, exposing your team to dangerous winter driving conditions that time of year.

**Suggested hotels near Michigan Technological University would be:**

***Holiday Inn Express***

1110 Century Way  
Houghton, MI 49931  
Phone: (906) 482-1066  
Website: [Holiday Inn Express](#)

***Country Inn & Suites***

919 Razorback Dr  
Houghton, MI 49931  
Phone: (906) 487-6700  
Website: [Country Inn & Suites](#)

***Independence Stay Hotel***

913 Razorback Dr  
Houghton, MI 49931  
Phone: (906) 696-6000  
Website: [Independence Stay Hotel](#)

***Super 8***

1200 E Lakeshore Dr  
Houghton, MI 49931  
Phone: (906) 482-2240  
Website: [Super 8](#)

***Hampton Inn & Suites***

820 Shelden Ave  
Houghton, MI 49931  
Phone: (906) 487-1700  
Website: [Hampton Inn & Suites](#)

***Quality Inn***

215 Shelden Ave  
Houghton, MI 49931  
Phone: (906) 275-4995  
Website: [Quality Inn](#)

***Ramada***

99 Navy Street  
Hancock, MI 49930  
Phone: (906) 482-8400  
Website: [Ramada](#)

***AmericInn***

56925 6th Street  
Calumet, MI 49931  
Phone: (906) 934-6115  
Website: [AmericInn](#)

## Tentative Symposium Schedule

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### **Thursday 4/10/2024**

- ASCE Concrete Canoe Presentations
- ASCE/UESI Surveying Presentations
- Student Symposium Paper Presentations
- ASCE Construction Institute Competition
- Concrete Canoe Captain's Meeting
- Welcome Dinner

### **Friday 4/11/2024**

- ASCE/UESI Surveying Field Tasks Captain's Meeting
- Surveying Field Tasks
- ASCE Concrete Canoe Competition
- ASCE Construction Institute Competition
- ASCE Sustainable Solutions Presentations
- ASCE Pop-Up Leadership Workshop

### **Saturday 4/12/2024**

- AISC/ASCE Steel Bridge Competition
- ASCE Timber-Strong Competition
- ASCE Wastewater Treatment Competition
- Concrete Novelty
- ASCE Pop-Up Leadership Workshop
- Business Meeting
- Awards Banquet

## Maps, Weather Reminder, and Travel Resources

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Please exercise caution and read the following before driving to the ASCE Eastern Great Lakes Regional Student Symposium in Houghton, MI:

- Northern Michigan weather in early April is very unpredictable and forecasts are only accurate about 24-48 hours in advance:
  - Heavy snow and dangerous winds are not uncommon at this time of year.
  - Give yourself the option to leave for the symposium a day early. If a winter storm is predicted, exercise that option and beat the storm.
  - Visibility drops to zero during storms sometimes.
- Northern Michigan is also very rural:
  - Gas stations are not always open 24 hours, or always after 7 PM in the winter:
    - Traveling through Michigan? Plan to get gas in Gaylord, St. Ignace, Munising, or Marquette if you need gas at night.
    - Please look at the map of gas stations (Figure 2) through the Upper Peninsula that are outside of 30 minutes from campus to plan where you will be stopping to aid and prevent any issues from arising.
  - Most UP rest areas are seasonal roadside parks and are not open until late April to early May:
    - Year-round rest areas along the primary route are:
      - US2: 3mi East of Naubinway.
      - M28: 4mi West of Seney.
      - US41: between Harvey and Marquette (MI Welcome Center).
  - Cell phone service is less robust than in more populated parts of the country. Major carriers cover most of the UP, including Houghton. Others, not so much.
    - Check your carrier service map before you go.
    - Consider the possibility that their coverage may need to be more complete in their online maps.
- Most of the UP is not served by freeways:
  - Observe slower speed limits.
  - Pass safely. Wait for passing lanes.
  - Slow down for towns.
  - MDOT has fully embraced traffic circles in Munising and Marquette. When entering a traffic circle, yield to traffic already in the circle.
  - Houghton has a slope-modified traffic circle, between the west end of downtown and the Portage Lake Lift Bridge, known as the “Yooper Loop”. We will be creating an instructional photo of how to navigate to prevent accidents.
- Watch Mackinaw Bridge conditions to make sure you can take the bridge, as it closes in very windy conditions. Consider taking the alternate route through Wisconsin if necessary. You can see if the bridge is open at: <https://www.mackinacbridge.org/fares-traffic/conditions/> and text reminders can be signed up for on the same page or on AM radio 530 or 1610.

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Fig. 1: Campus Map. Detailed maps of competition and event locations will be will come out in future mailers.

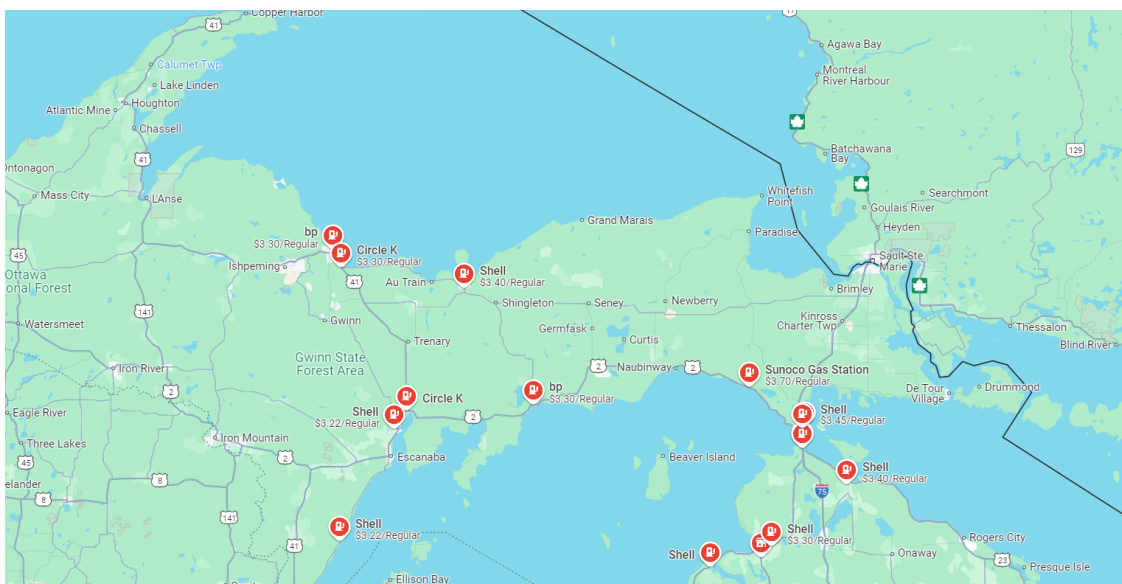


Fig.2: 24-hour gas stations across the U.P.