Lehigh, Northampton, Monroe, and Carbon Counties (Organized 1935)

Valley Engineer Newsletter

November 2023

Activities:

Christmas Party:

December 14, 2023, at Kingfish American Bistro in Bethlehem, PA



PENNSYLVANIA SOCIETY
OF
PROFESSIONAL ENGINEERS

LEHIGH VALLEY CHAPTER (ORGANIZED 1935)

CARBON, LEHIGH, MONROE, & NORTHAMPTON COUNTIES

President's Message!

Alexa Rooney, EIT, JD, President

Let me start off by saying Happy Thanksgiving to all. Enjoy this time with your friends and family and know how thankful we are to our members, as you make our organization what it is. Thank you.

There are a lot of opportunities coming to our members over the next few months. First, our LVPSPE Holiday Dinner scheduled for Thursday, December 14, 2023, at Kingfish American Bistro in Bethlehem, PA starting at 6 pm.

Our next event, MATHCOUNTS®, is scheduled for Saturday, February 3, 2024. As mentioned in the previous newsletter, this event promotes STEM education and encourages students to pursue careers in engineering. LVPSPE has supported this competition for many years and are very excited to continue to support this event for years to come.

The next event will be the Engineers' Week Banquet at Steel Stacks in Bethlehem on Friday, February 23, 2024. It is at this event that we award our Engineer of the Year and Young Engineer of the Year. If you know someone you wish to honor with a nomination to either award, please submit your nominations by Thursday, December 14, 2023, on the LVPSPE website at https://www.lvpspe.org/page-1505987.

Also in the spring of 2024, there will be several tour opportunities for our members to attend. The tours we are looking to include are a tour of ATLSS Lab at Lehigh University, a tour of active construction projects with Allentown, PA Center

City, and will end with a tour of Haines Mill in May of 2024.

Look for more information on our scheduled events for 2024. Until then I hope everyone has a blessed Thanksgiving season and hope to see everyone at our holiday party in a few weeks.

THANKSGIVING AWAY FROM HOME

Alfred Gruenke, PE

The modern American Thanksgiving celebration has three features: Family, Food, and Football. Other cultures have holidays similar to Thanksgiving, such as harvest celebrations but the essence of this holiday, the eating of a New World bird, the turkey, is uniquely American.

Thanksgiving is always as major event among Americans overseas. We are separated from our families, so it is celebrated with our families away from home, our fellow ex-patriots.

Planning may require months. Considerable creativity and bending of the rules are required, since the ingredients for the Thanksgiving meal are not always readily available. The turkey, however, is essential.

It is fortunate for the proper celebration of Thanksgiving that the turkey is fairly common in many parts of the world, through some searching may be necessary. In Egypt, a turkey could be purchased by going to the market and ordering "dechrumie." The price was by weight, on the wing. Butchering was extra. I bought two medium sized birds. Fortunately, our guest house cook knew how to prepare it tastefully.

Trimmings such as pumpkin pie filling are impossible in Egypt. To obtain pie filling, plus a few other items, I "required" everyone going home on R&R to bring something back. In this way, plus local purchases, the meal was a success.

Our company, Fuller Co., had a policy of paying for Thanksgiving dinner at all overseas locations. And, we were encouraged to invite whomever we choose. So besides our colleagues we invited our drivers, their wives, and the cook's wife, who assisted in the preparation and serving. The meal, and the day, was a success, by any measure.



Thanksgiving dinner, Egyptian style



The pièce de resistance



The hors d'oeuvre table

The Thanksgiving meal in Indonesia was organized and prepared by the wives of our colleagues who had accompanied their husbands. I don't know how they managed to find all the goodies, but they did. The meal was fabulous! This was a

Continued on page 3

real international event, with attendees from fourteen countries.

One of my Thanksgiving dinners was at the American Embassy in Islamabad. Many American Embassies have Thanksgiving dinner for US citizens and guests, or they at least will advise as to where Thanksgiving is served in the area. In Korea, we were told to try the nearest US Army base. We opted for our own dinner.

The customer in Korea managed to purchase a rather small specimen for us from a farm close to an American military base. Our guest house cook butchered it, all the while expressing his opinion of such bird with various expletives deleted, in various languages. The meal was fine, however.

Because the turkey was rather small, we supplemented it with a nice beef roast purchased in a nearby town.

An associate and I had an interesting time buying the required spices. Since our combined Korean vocabulary was less than ten words, we resorted to wandering from shop to shop, opening spice containers, pinching, sniffing, and tasting, until we found what we needed. We were not charged for the spices, because I suspect that the shop-keepers were not sure we were in full possession of all of our marbles.

Once in Egypt, and twice in Ecuador, we had Thanksgiving dinner at a hotel restaurant. Most major hotels worldwide are aware of the significance of Thanksgiving and are able to serve a decent turkey dinner. It may not be on the menu but ask the manager at least a week ahead of time. The trimmings may not be the same as a "home cooked" meal, but something is better than nothing.

A major difference with these dinners is the inability to "pig out". The portions are considerably less than at home, and there are no leftovers.

Depending on the time, and if one is lucky, it may be possible to participate in the third F of Thanksgiving, watching football on television. With the establishment of global television this is becoming easier every year. A colleague managed to get himself invited to the Marine House at the Embassy in Ankara, Turkey for dinner, plus the Lions-Eagles football game afterwards. It never hurts to ask.

One year, when staying at the Hotel Oberoi in Katmandu, Nepal, I completely forgot about Thanksgiving. My "Thanksgiving Dinner" consisted of wild boar, rice, and asparagus. A couple of American tourists, who had gone to the Embassy for their dinner, reminded me of my transgression the next day. So much for being travel-wise.

Thanksgiving away from home can be depresssing. But with one's associates, and some creativity, it can become tolerable, and sometimes even enjoyable.

Bon appétit.

An engineer died and ended up in Hell. He was not pleased with the level of comfort in Hell and began to redesign and build improvements.

After a while, they had toilets that flush, air conditioning, and escalators. Everyone grew very fond of him.

One day God called to Satan to mock him, "So, how's it going down there in Hell?"

Satan replied, "Hey, things are great. We've got air conditioning and flush toilets and escalators, and there's no telling what this engineer is going to come up with next."

God was surprised, "What? You've got an engineer? That's a mistake. He should never have gotten down there in the first place. Send him back up here."

"No way," replied Satan. "I like having an engineer, and I'm keeping him."

God threatened, "Send him back up here now or I'll sue!"

Satan laughed and answered, "Yeah, right. And just where are YOU going to get a lawyer?"

For once you have tasted flight you will walk the earth with your eyes turned skywards, for there you have been and there you will long to return.

Leonardo da Vinci

SCHOLARSHIP SPONSORS

A great way to be involved in the LVPSPE Chapter is to contribute to the **LVPSPE SCHOLARSHIP FUND**. Please Contact the Valley Engineer Editor to sponsor scholarships for the remainder of the calendar year.

If you would like to contribute <u>any amount</u> –please send your TAX-DEDUCTIBLE donation to PA ENGINEERING FUND. Donations should be mailed to:

PA Engineering Foundation % LVPSPE P.O. Box 195 Northampton, PA 18067

Please note "LVPSPE Scholarship Fund" on the comment line.

Or, you may also contribute via the LVPSPE website http://www.lvpspe.org/Donations.

Scholarship application is at http://www.lvpspe.org/Scholarships. Any questions regarding scholarships can be directed to

Alex Dezubay, PE 610-597-2007 Scholarship@LVPSPE.org

PEF SCHOLARSHIPS

The Pennsylvania Engineering Foundation oversees the Pennsylvania MATHCOUNTS program and PEF Scholarships.

The purpose is to help nurture future engineers.

2022 – 2023 LVPSPE SCHOLARSHIP DONORS

Graduate

American Society of Civil Engineers
Lehigh Valley ASCE, Bethlehem, Pennsylvania.
Victaulic Company
Easton, PA

Senior

FLSmidth, Inc.
Allentown, PA
Joe Sommer Golf Tournament
Bath, PA

Junior

Barry Isett & Associates Allentown, Phoenixville, Hazleton, Wilkes-Barre, Mechanicsburg, Wyomissing, Furlong, Stroudsburg, Olyphant, PA

The Pidcock Company Allentown, PA Alfred Gruenke, PE

Wescosville, PA

H.T. Lyons

Allentown, PA

ZAP Engineering

Bethlehem, PA

Bridge Gap Engineering

Northampton, PA Hillwood Investment Properties

Allentown, PA

Sophomore

Jeffrey Johnson, P.E., FLSmidth Inc

Allentown, PA

Hanover Engineering Associates

Bethlehem, PA

Boyle Construction

Allentown, PA

Dreyer Consulting

Allentown, PA

Newton Engineering

Allentown, PA

Freshmen

Deilen Development

Dezubay Engineering Services

Colliers Engineering & Design

Allentown, PA

Robert Peruzzi

Bethlehem, PA

Nermin Ferhadbegovic

Mass Mutual, Center Valley, PA

Patricia Peoples

Morgan Stanley, Allentown, PA

Contributors

Michael Basta, PE. F-NSPE William Erdman, PE

Ray Szcuzucki, PE

Kohn Engineering

Angelika Fordran, PE





Patricia Peoples, CFP®, ChFC®, CLU® Wealth Management

Vice President Financial Advisor 515 W. Hamilton Street 7th Floor Allentown, PA 18101

direct 610 398 6505 fax 610 395 0694 toll free 800 433 4200

Morgan Stanley

NMLS # 1285326 www.morganstanley.fa.com patricia.peoples@morganstanley.com

Michael Basta, PE, F-NSPE

Jeffrey Johnson, PE, FLSmidth Inc.

William Erdman, PE



Angelika Fordran, PE

Ray Szczucki, PE



THE PIDCOCK COMPANY

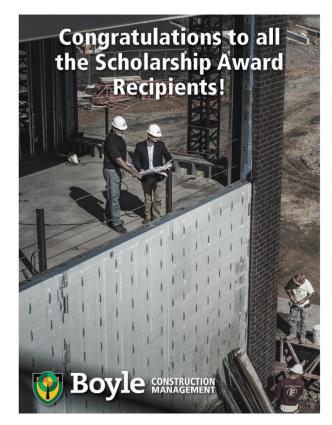
CIVIL ENGINEERING LAND PLANNING ARCHITECTURE LAND SURVEYING

FOUNDED 1924

Oxford Drive at Fish Hatchery Road 2451 Parkwood Drive Allentown, Pennsylvania 18103-9608

> TELEPHONE: 610-791-2252 TELEFACSIMILE: 610-791-1256 EMAIL: info@pidcockcompany.com WEBSITE: www.pidcockcompany.com











Engineering Services

Process • Mechanical • Civil / Structural • Electrical • Instrumentation / Controls • Construction Management

CORPORATE OFFICE

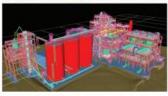
755 Parfet Street, Suite 200 Lakewood, CO 80215 (720) 529-4430

GULF COAST

15995 N. Barker's Landing Rd., Suite 265 Houston, TX 77079 (281) 822-8335







EAST COAST

1 East Broad St., Suite 440 Bethlehem, PA 18018 (484) 617-7222 Congratulations to all the Scholarship Award recipients.

You are about to enter a most noble profession, Engineering.

We are the past and the present, you are the future. Thank you, for being you.

Alfred Gruenke, PE, MBA

H.T. LYONS contractors | engineers

An **engie** company

"We make your building a better place."







CONGRATULATIONS SCHOLARSHIP RECIPIENTS!



ALEX A. DEZUBAY, PE, PRINCIPAL

DEZUBAY ENGINEERING SERVICES, LLC

CONSULTING, CAD HVAC AND FIELD SERVICES

3938 Kenrick Drive Bethlehem PA 18020 Phone 610-597-2007 adezubay@dezubay.com

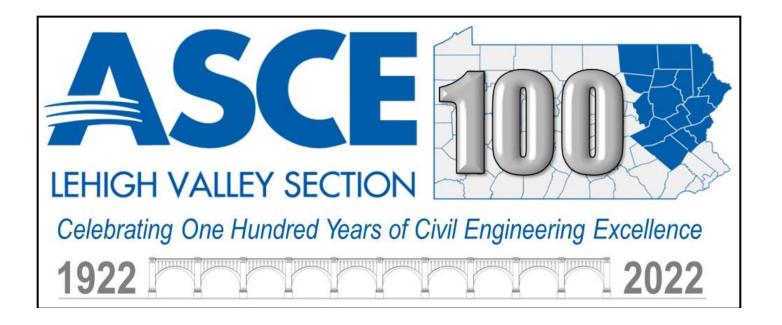


Donald J. Kohn, P.E. Principal

4220 Mountain Road Macungie, PA 18062

KohnEngineering@ptd.net www.KohnEngineering.com

Phone 610-967-4766 Fax: 610-967-6468



COUPLING INNOVATION WITH CONFIDENCE





Since 1919, Victaulic has been the world's leading producer of pipe joining solutions.
Our products are used in the most recognizable landmarks, from the Hoover Dam to Egypt's Alexandria Library, making bold designs possible.

Backed by 1,800 + patents, Victaulic is committed to our customers' needs, providing solutions for your design challenges. We draw it, train on it and certify the installation, all while utilizing best-in-class technology. From concept through construction, we ensure your project runs efficiently as possible.

Engineering Solutions:

- Construction Piping Services (CPS) helps reduce risk and increase reliability for a smoother project experience.
- BIM Software keeps communication and collaboration in sync.
- Propriety truck loading software saves time and confusion on the job with phased product schematics.

victaulic.com



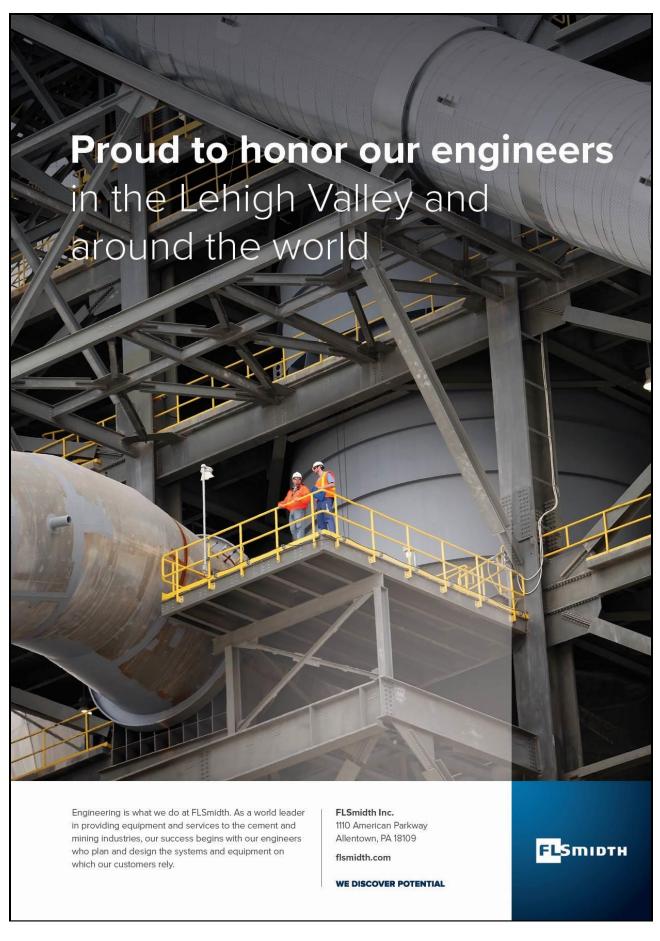








VICTAULIC IS A REGISTERED TRADEMARK OF VICTAULIC COMPANY. © 2014 VICTAULIC COMPANY, ALL RIGHTS RESERVED.





BE PART OF OUR SUCCESS



We are seeking a highly motivated

Corporate Engineering Project Manager

Come join Victaulic — a global leader in mechanical pipe joining innovations and the world's leading producer of mechanical pipe joining solutions.

Victaulic is a great place to work!

- Competitive compensation
- **Excellent benefits**
- Collaborative company culture
- Continuous training and career development
- Opportunities to give back to the community



Go to jobs.jobvite.com/victaulic/job/oy5Dnfwn to learn more about the position and apply today!



4901 Kesslersville Road, Easton, PA 18040 | victaulic.com

Victaulic is a registered trademark of Victaulic Company. © 2023 Victaulic Company. All rights reserved.









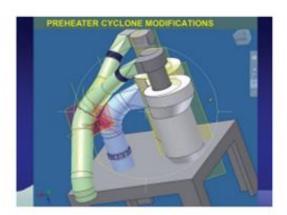


Bridge Gap Engineering, LLC 1717 Main Street Northampton, PA 18067 USA Office: +1 (610) 400-8145 Fax: + (215) 525-2736 contact@bridgegapengineering.com www.bridgegapengineering.com

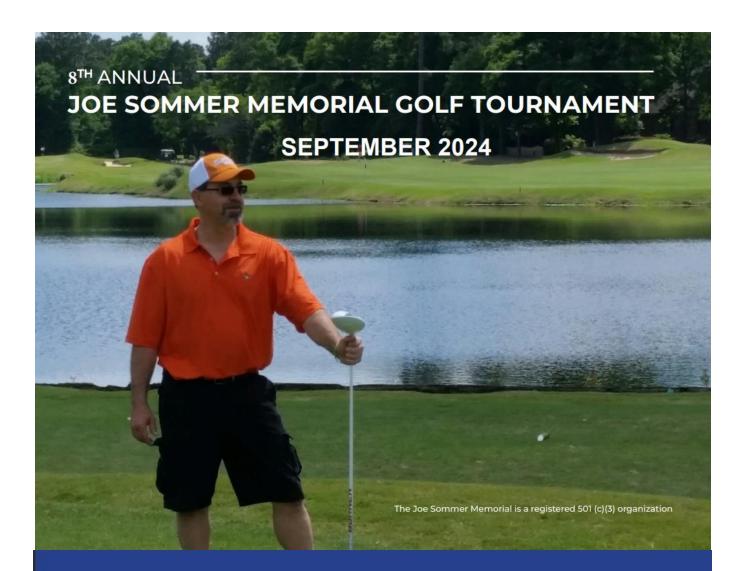
Capital projects of all sizes can prove to be difficult and require a dedicated team of individuals to deliver unique and cost effective solutions, especially when it comes to equipment retrofits and/or system modifications. The need for 'green solutions' continues to grow and Bridge Gap Engineering is pleased to introduce a team of uniquely qualified individuals, coupled with our traditional competences.

Our expertise now includes the "engineered-after-market" and "the ability to solve complex energy & material challenges" (in addition to our traditional competences in process design, plant design, equipment design, project/construction management) ensuring that Bridge Gap Engineering can supply a complete EPCM experience.

With services ranging from the initial process audit through final commissioning & performance testing, we can help "bridge-the-gaps" at any and all stages of your capital projects and/or your strategic plans. Contact us today.



Local Presence GLOBAL REACH



The 7th Annual Joe Sommer Memorial Golf Tournament is almost upon us.

Joe was a valued employee of H.T. Lyons who touched the hearts of everyone he encountered. He loved to give back to the youth in the Lehigh Valley, the community and those interested in the trades. Each year, thousands of dollars are donated to various community organizations; Northampton Police Department, Friends of Bethlehem Mounted Police, Northampton Area Food Bank, Northampton Police Equipment Fund, The Boys and Girls Club of Bethlehem, PA Canine Search and Rescue, Beat the Streets/Concrete Barbell and Blue Star Mothers LVPA 20, just to name a few.

Please consider donating gift cards, money, or donations in kind to this great event!

If you require any other information, please contact Lee Millward at:

MILLWALG@airproducts.com 484-515-6609

Internet Addresses

National Society of Professional Engineers

www.NSPE.org

Pennsylvania Society of Professional Engineers

www.PSPE.org

Lehigh Valley Chapter - PSPE www.LVPSPE.org

2023 - 2024 State Officers

State officers

State Director - Michael Basta PE, F-NSPE

Directors@LVPSPE.org

Alt State Director – Angelika Forndran, PE <u>Directors@LVPSPE.org</u>

VP Northeast

Marleen Troy, PE, PhD 570-408-4615

Board of Direction Meetings

The monthly Board of Direction meetings are 6:00 PM on the second (2nd) Monday of each month. Open to all members;

2022 - 2023 Chapter Officers

Chapter Officers

President-Alexa Rooney, EIT, JD ARooney@pplweb.com 610-774-6011

Vice President - Vacant

Treasurer – Ray Szczucki, PE <u>Treasurer@LVPSE.org</u> 610-614-1245

Secretary – Cody Callahan, EIT ccallahan@barryisett.com
610-398-0904

Past President – Jeff Kutz kutzj@zapecs.com

Chapter Directors

Director – Mary Rooney, PE Directors@LVPSPE.org

Director - Frank Walsh, PE Directors@LVPSPE.org

Director – Angelika Forndran, PE abf@cowanassociates.com

Director – Robert Peruzzi peruzzi@rperuzzi.com

Director – Aaron Cali aaron.cali@htlyons.com



Lehigh Valley Chapter Pennsylvania Society of Professional Engineers Lehigh, Northampton, Monroe and Carbon Counties

Minutes for the November 13, 2023, Board of Directors Meeting 6:00pm on Microsoft Teams

Attendees: Alexa Rooney, Ray Szczucki, Al Gruenke, Cody Callahan, Al Dezubay, Frank Walsh, Jeff Kutz, Mike Basta, and Mary Rooney

A. Call to Order: 6:05

• If you didn't get the meeting invite for October/November, email Alexa.

B. Programs

- December Holiday party confirmed for December 14, 2023 @ Kingfish.
 - We are still looking for a speaker for dinner. Contact Alexa with any suggestions.
 - Cody will coordinate with Tracy from Isett regarding putting the dinner information on the website and will send email invites out to members. Event, title, when, where, cost (\$45.00 last year), optional \$10 PDH for members, \$20 for nonmembers.
- January Nothing currently scheduled
- February Engineers Banquet February 23, 2024 at SteelStacks
- March Dorney Park? (Cody will reach out to Dorney Park)
- April Center City/Haines Mill?
- May Scholarship Dinner
- Newsletter Alexa will send Al a write up discussing the holiday party and our monthly programs, Cody will send Al the meeting minutes so that Al can send the newsletter out before Thanksgiving.

C. MATHCOUNTS

- Looking for a new countdown round moderator.
 - Cody will discuss with Chris Williams (Isett) regarding potential candidates or tips for the position. Cody will have Kevin or Chris call Al Dezubay about the position responsibilities.
 - Reach out to Alexa if you are interested.

D. Lehigh Valley EOY/YEOY & Scholarships

- Frank will send out first round of emails/phone calls to past donors and potential donors in December.
- We are looking for a cosponsor to help Frank out and take over the scholarship funding in the future.

- No objections from the board to having a nominee from Berks County for engineer of the year.
- Nominations for engineer of the year due by December 14, 2023.
- Al Gruenke wants to nominate Ray Szczucki for engineer of the year. Al Dezubay will call Ray regarding the nomination.

E. Treasurer – Ray Szczucki

- Balance as of 10-31-23
 - o Checking \$1,622.62
 - Savings \$8,012.01
 - o Potential 2024 Atlas lab visit during operating hours (work-day hours).
 - Mary stated that last year's gold sponsorships will be getting a \$200 credit.
 - o Ray submitted an application for a grant towards updating the LVPSPE website.
 - We need to get info regarding what we want to do, how we're going to do it, and how much we think it will cost.
 - Alexa reached out to her sister and the estimated cost for her to update the website is \$800. Monthly fee varies depending on how much storage and what we want to do. Estimate is around \$50.00/month and domain fee is \$9.00/month (sometimes this comes with the monthly fee).

F. State Director - Mike Basta

- Marleen Troy detailed the status of the Task Force and moving forward with the Diversity, Equality, and Inclusion initiative.
- PSPE has been looking at its finances and Jen Summers and John Wanner identified a grant opportunity through the PA Department of Labor and Industry's Industry Partnership Grant that bridges industry and education. The intent is for PSPE to prepare a grant application to utilize the funds for the FE Exam preparation, education, and awareness.
- Jennifer Summers would like to see directions at the board level to identify where PSPE and its staff spend their time. Volunteering is generally down and maintaining a presence in MATHCOUNTS doesn't hit the exact audience for PSPE. Jen asked if direct communication with universities or students would serve better purpose for the Society. Would a state-wide initiative to encourage connectivity between Chapters in PSPE be worthwhile? Jen stressed the connections between PSPE members beyond individual local Chapter events.
- 2024 NSPE PECon is planned for Aug 7-9 in Raleigh, NC.
- Jennifer and Dave Williams will continue to plan for the 2024 Conference, to be held in the Pittsburgh area. A committee has been formed for planning.

G. Past President – Jeff Kutz

None

H. Old Business/New Business

- · Add website discussion here.
- Open positions: Vice President and Scholarship Chair (Co-chair 23-24 and Chair 24-25)
- Board of Directors meetings for the 2023-2024 year:
 - December 14, 2023 Holiday Party
 - January 8, 2024
 - February 12, 2024

- o March 11, 2024
- o April 8, 2024
- I. Adjournment on motion by Alexa, seconded by Frank at 6:55.