

BLUE PRINT

FOR LABOR MANAGEMENT COOPERATION

STATE OF THE VALLEY

JOINT VENTURE SILICON VALLEY INDEX 2023 HIGHLIGHTS

At their annual conference in February, Joint Venture Silicon Valley made its report on the health and economic status of our Bay Area. There are some jarring stats as well as highlights on what is “going right” with the Bay Area. One major stat: 91,000 people have departed Silicon Valley, the highest level ever (although if driving on our roads at commute time, you would probably wonder about that stat), and we also have the highest number of remote workers in the nation which has thrown our real estate, construction industry and transit systems into new challenges. Despite these issues, the area unemployment rate is steady at 1.8%, an historic low.

COVID was the 6th leading cause of death with 642,000 cases being reported in 2022.

The valley is aging, those 65 and older up by 32% since 2011 and those 18 and under down 8% with the lowest birth rate since 1991.

Housing and wealth gaps continue to face critical concerns. 76% of homes sold in 2022 were over \$1 million. Of the only 8% that sold near the \$600,000 range about 30% of those were all cash transactions. Most renters are spending a minimum of 30% of their total income on housing, seniors almost 60%. Due to inflation, the average Bay Area family has seen a decline of \$550 which has resulted in large sectors of our communities (especially children) now relying more on government food assistance and food banks. Silicon Valley has the largest wealth gaps, the Bay Area producing the highest concentration of billionaires in the world (only after New York and

Hong Kong). 23% of households live below the poverty line, with a whopping 42% of households with children being insolvent or not self-sufficient. A mere eight local residents hold more wealth than the bottom 50% combined. Median household income in Silicon Valley is \$138,800.

Our valley remains one of the most diverse with 25% Latino, 37% Asian descent, 30% designated White, and 8% African American or other. We produce the most educated population in the nation with 53% receiving a bachelor’s degree or higher. 66% of our high school graduates meet UC entrance requirements.

Community infrastructure (including construction)

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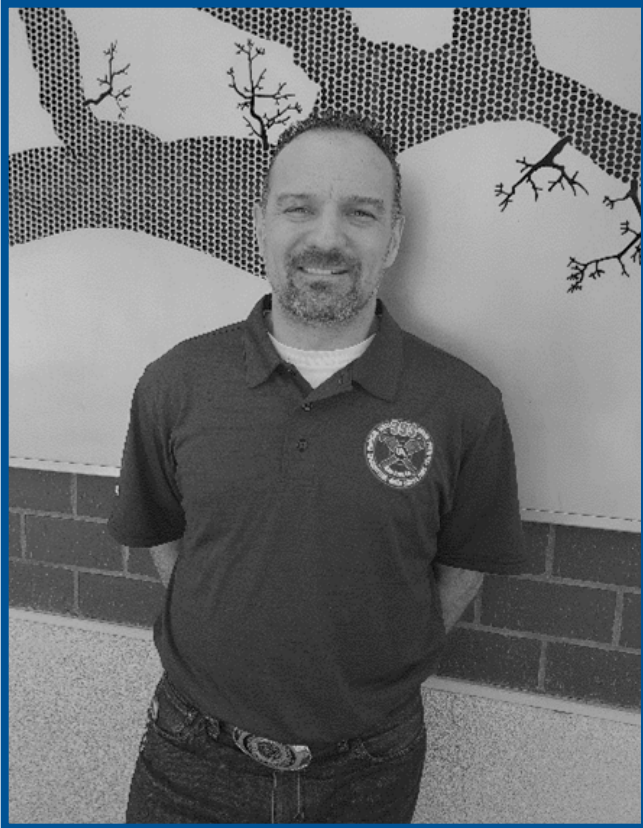
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PROFILE

BRIAN MURPHY

TAKING THE HELM AT THE PIPE TRADES TRAINING CENTER

“Our apprentices and members need to stay involved in order for us to combat all the challenges that come our way, including facing electrification and modularization of our industry both of which could have negative implications,” Brian comments on the biggest issues facing our industry.



Brian Murphy, the new Pipe Trades Training Center Director who began his term in February 2022 when long time Director Carl Cimino retired, sees “participation” as an important element of success of the Plumbers and Pipe Trades Local 393 apprenticeship program. As the new Director and previously the Curriculum

Coordinator, Brian was instrumental in bringing 90% of the courses at the Pipe Trades Training Center into a digital format using Zoom and a program called Canvas. It allows instructors to provide testing, assignments, and video instruction to students. Now, each apprentice that graduates, not only with their trade expertise, but with other previously unavailable baseline technical capabilities. Apprentices are now a better prepared workforce for the future.

Inspired by his many summer experiences working for his grandfather’s tile business, Brian joined Local 393 in 1995 after graduating high school. Leaving the program for a few years to attend college, he realized his passion was in the trades and his

apprenticeship resumed in 2004.

“Having that time away from the trade made me appreciate it more and I never would have developed into the leader I am today if I didn’t take the path I did,” Brian states.

Working on many high-profile projects over the years,

including the genetic coding project at Stanford, the 49r’s Stadium, and large bio-pharm labs in San Jose, Brian ultimately decided his career path was in instruction and in his 5th year apprenticeship, he began a 10-year term teaching at the Training Center. When the pandemic hit in 2020, a pivot to online instruction was quickly realized. Instead of a quick fix, Brian and staff uplifted the entire program into a state-of-the-art curriculum that could be used well into the future. Training Center Instructors have embraced the programs and have become experts.

Married with four children, including twin boys, Brian’s home life with wife Jennifer is also a blessing.

When asked what he sees in his future, Brian says, *“I hope to continue as the Director of Training for as long as I can. My goal is to continually evolve our training program and turn out the best journeymen and women possible.”*

Brian brings a modern, updated feel to training and we are happy to welcome his expertise as the leader of our apprenticeship programs. Visit the training center website, www.pttc.edu to experience the full scope of our Training Programs.

Training Center Update

PERFECTING ONLINE LEARNING

PREPARING APPRENTICES FOR THE FUTURE NOW

By **BRIAN MURPHY**



The Pipe Trades Training Center post pandemic is a much different environment than it was before. The pandemic created an opportunity for us to leap forward into the future with technology, and we took it. In a matter of months, the training center staff and roughly 50 instructors undertook a project that has transformed our program and will leave its mark for decades to come.

During the 2020 shutdown, the staff and instructors teamed with Foothill Community College to create digital classes using a learning management system called Canvas. Each instructor, with the help of a consultant from Foothill, designed their specific course for the web. Canvas now houses all our curriculum, videos, discussions, homework, quizzes, and tests. Grading can now be done automatically, and students have access to their grades on a continuous basis. Apprentices can interact with their instructor or classmates through the program and participate in classroom

discussions virtually when they are out of the classroom. Homework can now be assigned on the jobsite and apprentices can upload pictures or videos of things they're learning in the classroom and working on at the jobsite in real time.

Every apprentice is now issued a laptop upon registration to the program and provided basic computer skills training. We also train them in the latest Microsoft programs and email etiquette. Throughout the program we work to include different technologies that apprentices may encounter in the field like Bluebeam, Plangrid, and CAD/REVIT models. In the future the entire workforce of Local 393 will have a baseline education in the technologies that are present and used in our industry.

We have also changed the way we offer Journey Level training courses. We still have those classes offered in-person but for many courses there is now an online option. Our CAD and REVIT classes are one of those options in which using a base model laptop from home a student can remotely log into a server and learn Autocad or REVIT with an instructor. We are also able to offer many refresher

and certification classes in this manner including Med-Gas.

At the Pipe Trades Training Center, we saw the silver lining to the dark cloud of the pandemic and forever changed the way Local 393 teaches its members.

PIPE TRADES TRAINING CENTER CLASSES:

- TITLE 24 CERTIFICATIONS
- SAN JOSE BOILER LIVE TROUBLESHOOTING
- CARRIER TROUBLESHOOTING ROOFTOP UNITS
- DAIKIN VRV INSTALL & COMMISSIONING
- MENTAL HEALTH CLASSEES
- FOREMAN CERTIFICATIONS
- AUTOCAD
- ORBITAL WELDING CERTIFICATION
- BACKFLOW CERTIFICATION
- PUMP REBUILDING
- AUTODESK FABRICATION
- ROBOTIC TOTAL STATION
- BLUEBEAM
- RIGGING

VISIT www.pttc.edu for a complete list.

MAKING TRANSFORMATIONS LOCALLY

The South Bay Piping Industry continues to make a difference in our community on a most basic level. Here are a few of the organizations we have helped over the last 12 months:

Toys for Tots – In partnership with the Builders Exchange of Santa Clara County, we collect toys each holiday season for this established, U.S. Marine Corp run program. Again this past holiday season, we donated 100's of toys to the San Jose U.S. Marine post to be distributed to local children.

Air Systems Foundation Academic Scholarship Program – SBPI and our entire local construction industry have been long time donors to this important community program originating from one of our signatory contractors, Air Systems. In their 26th year of donating over \$2.5 million to LOCAL community organizations, **their 2023 scholarship program is currently**



underway. If you know or are a teen graduating and interested in applying, visit their website, www.asifoundation.org for details.



SBPI CFO Wayd La Pearle & Tots for Tots

Rebekah Children's Home – For more than 20 years, SBPI has been purchasing FAA animals from students at the Santa Clara County fair, having that meat processed, and donating to a local charity. This year, Rebekah Children's home was a recipient, only appropriate, as one of their signature programs is assisting young adults reach their goals through professional culinary training and a life skills program. With locations in Campbell and Gilroy, you can learn more about their "Cooking for a Purpose" academy, by visiting their website, www.rcskids.org. Providing health services, foster care, adoptions, and educational opportunities to the most vulnerable in our communities is what RCS is all about.



Next Door Solutions to Domestic Violence – This organization is the stand alone, largest provider of this type service in Santa Clara County. Answering over 15,000 calls and serving over 3,000 survivors a year, their mission is to end domestic violence in the moment and for all time. Providing housing solutions, employment options, support groups including LGBTQ, men and teen support, a 24-hour hotline and walk in crisis options, Next Door has been a part of the community for over 50 years. SBPI has been donating food from our Fair Program to shelters for years. If you know someone that needs help or want to assist Next Door, visit their website, www.nextdoorsolutions.org, or their 24-hour domestic violence hotline # is (408)279-2962.



RESOURCES



BASEBALL SEASON IS HERE!

The South Bay Piping Industry, along with Local 393 and Sheet Metal Workers Local 104 will be sponsoring an industry night at the **San Jose Giants** (including fireworks!) on **Saturday, July 15, 2023, at 6 p.m. at Muni Stadium in San Jose**. We also have tickets to NINE other games this season. To order your tickets for you, your family .. or your little league team .. visit www.sbaypipe.org ... look under the NEWS/EVENTS header. Tickets are distributed on a first come, first served basis. In June, we should also have some bleacher seats available for a San Francisco Giants game. Check the website for updates.

“KICKING” OFF THIS SPRING AND SUMMER

We also have tickets for the **San Jose Earthquakes** soccer team, playing at PayPal Park in San Jose. These are also available online www.sbaypipe.org. Also, first come, first serve. In our second year of sponsorship, these tickets are hotter than ever!



Upcoming Jobs Bidding

Did you know the South Bay Piping Industry supplies its members with a weekly update on prevailing wage jobs bidding (over \$1 million)? Would you like to be included in this eblast? If you are a signatory contractor estimator, foreman, CEO or Supervisor that would like to receive this information, you can add your name to our distribution list by emailing admin@sbaypipe.org. Subject title: ADD ME! Provide your name, company and company title and we will include you ASAP.

CONTACT ADDRESS UPDATES:

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Benesys Inc.
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South Bay Piping Industry Labor Management Trust Spring 2023 Blueprint newsletter. Thank you to Joint Venture Silicon Valley for use of stats on Page 1 from their State of the Valley publication. Comments or future article suggestions can be emailed to admin@sbaypipe.org.

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represents 48% of all employment but has not fully recovered to pre-pandemic levels. Even with the pandemic, the LOCAL piping industry, considered essential workers, continues to report well over 3-million-man hours worked year after year. There are nearly 80,000 construction workers employed in Silicon Valley. 12,000 new residential units were permitted in 2022, Santa Clara and San Mateo counties, the

most since 1978. But this does little to help the 11,000 plus homeless, which includes 1,000 plus children under 18, living on the streets.

In November and December 2022, the greatest increase in employment was in the trades with unemployment claims falling sharply. San Jose remains number one in patent generation in the nation. Over the

past two years, the number of companies valued at \$10 billion or more has doubled worldwide with 21 here in the Bay Area. 2022 showed a sharp uptick in commercial construction with record setting robust projects in the pipeline. Overall violent crime in our area has decreased.

To review or download a copy of the 2023 Silicon Valley Index, visit www.jointventure.org.

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FOR LABOR MANAGEMENT COOPERATION

THE SOUTH BAY PIPING INDUSTRY NEWSLETTER

Visit our UPDATED webpage at www.sbaypipe.org

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