



NEWS RELEASE

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INDUSTRY HONORS ANNOUNCED

Plastics Pipe Institute
Projects of the Year and
Members of the Year Named

IRVING, Texas - May 19, 2020 - The Plastics Pipe Institute, Inc. (PPI) announced the winners of its Projects and Members of the Year program during its annual meeting held on May 5, 2020. A Project of the Year and a Member of the Year were selected for each of the five PPI divisions: Building and Construction, Drainage, Energy Piping Systems, Municipal and Industrial plus Power and Communications. The meeting was conducted on-line due to the coronavirus pandemic. PPI is the major North American trade association representing all segments of the plastic pipe industry.

“This year was a little different for us because it was the first time we could not physically congratulate each winner,” stated PPI President David Fink. “But just as in years past, the nominated projects in each of our five divisions were remarkable and the winners exceptional. It was a healthy competition, and that must be very satisfying to the winners.”

The association’s annual awards program recognizes projects and members for exceptional contributions to the industry. Submissions in the association’s divisions are reviewed, evaluated and voted upon by the PPI members.

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The PPI winning projects and members are:

PPI Building & Construction Division Project of the Year

- Vancouver International Airport Geexchange System, Vancouver, Canada
- PPI Member Company: Versaprofiles, Saint-Lazare-de Bellechasse, Canada



The Vancouver International Airport's new Central Utilities Building (CUB) will improve efficiency by centralizing all of the equipment needed to meet the airport's heating, cooling and electrical demand. To achieve this goal, the project will rely on one of the largest Geexchange systems in Canada. Geexchange technology uses the earth's renewable energy, just below the surface, to heat or cool buildings. This system will provide sustainable heating and cooling for the terminal.

The borefield for the CUB Geexchange system is substantial in size— 841 boreholes at 500 feet each in depth that equals 79.64 miles (420,500 feet) of drilled borehole and 159.28 miles (841,000 feet) of 1.25-inch HDPE 4710 piping. The Geexchange system is expected to substantially reduce CO2 emissions from heating and cooling demands by 30 to 35 percent.

PPI Drainage Division Project of the Year

- Hugh K. Leatherman Sr. Terminal, North Charleston, South Carolina
- PPI Member Company: Advanced Drainage Systems, Inc., Hilliard, Ohio



The original storm drainage design for the new terminal incorporated reinforced concrete pipe and concrete box culverts. During the design phase of the project, the engineer became concerned about joint separation and the potential for infiltration due to predicted sub-surface soil settlement along the Cooper River. In order to mitigate joint separation and possible infiltration, Advanced Drainage Systems' HP Storm Polypropylene Pipe was selected as the storm drain conveyance pipe for the entire project due to its ease of handling, extended joint, double gaskets, and flexible design. As a result of the redesign, some 27,000 feet of ADS HP STORM was used to convey all storm water on the 280+ acre site.

PPI Energy Piping Systems Division Project of the Year

- Henderson Municipal Gas (HMG) PA 12 Gas Pipe Installation, Henderson, Kentucky
- PPI Member Company: Teel Plastics, Inc., Baraboo, Wisconsin



In a multi-stage project, the City of Henderson, Kentucky installed 2,720 feet of polyamide 12 (PA 12) gas pipe extruded by Teel Plastics. This marked the first PA 12 installation under the PHMSA Mega Rule effective January 2019, which allows PA 12 to be installed without a special permit.

HMG installed the pipe through an industrialized area of the city. To minimize disruption to businesses, Henderson installed it underneath driveways and existing utilities. HMG buried sections using horizontal directional drilling (HDD), pulling the pipe through bored holes and fusing the sections together. More ductile and much lighter than steel, PA 12 made the HDD installation much easier than it would have been with steel pipe.

PPI Municipal & Industrial Division Project of the Year

- Colman Tunnel Sewer Sliplining, Centennial, Colorado
- PPI Member Company: WL Plastics, Ft. Worth, Texas



To rehabilitate a deteriorating brick sewer, 48-diameter HDPE pipe was sliplined into the old sewer. Flow was not allowed to stop during the pull, so a custom completely sealed pull head had to be designed and built so that sewage would not fill the drill string during the pull in. Another restriction was that the staging area only allowed for no more than 200 feet of pipe to be out of the tunnel at once. So, the pipe string was pulled as each stick of pipe was fused and added to the string of pipe. Total pull length was more than 8,000 feet. Custom winch system was brought in for the heavy pull that included two spools of wire cable to get the length required.

PPI Power & Communications Division Project of the Year

- Alliant Energy Private Fiber Optic Network, Madison, Wisconsin
- PPI Member Company: Teel Plastics, Baraboo, Wisconsin



Teel conduit is being installed across Alliant’s service area in Iowa and Wisconsin to improve its telecom network’s security, speed, and reliability. For a utility with a large service area including more than 970,000 electric and 420,000 natural gas customers, reliability and capacity are crucial during critical events. The conduit will protect the existing infrastructure and allow for later expansion of network capabilities while providing cost savings to Alliant Energy.

The cost savings associated with installation of the conduit and fiber benefits Alliant Energy in multiple ways. Replacing their telecommunication carriers with their own network will protect them from future price increases. Alliant Energy will also decrease their reliance on over-the-air communication, such as microwave radios. In addition, the fiber optic network serves as a gateway for Alliant Energy to work on advances in energy efficiency and technology, which would not be possible without a private fiber network.

- PPI Member of the Year Winners -

Building & Construction Division Member of the Year

Jim Paschal, Aquatherm, Lindon, Utah



Paschal has been chair of the PPI's Polypropylene Pressure Pipe Steering Committee since its inception in 2017. Jim has led efforts to update product standards for polypropylene piping systems, and is working to develop a new ASTM test method for PP-R and PP-RCT materials. He has been instrumental in defining the type of work to be initiated, and keeping members engaged.

Drainage Division Member of the Year

TJ Leason, Pacific Corrugated Pipe Company, Newport Beach, California



Leason is concluding his term as Management Committee Chair where his leadership broadened membership engagement on many levels. While MC Chair he successfully led the division through its first strategic planning process and to complete the Drainage Handbook content and posting it online.

Energy Piping Systems Division Member of the Year

Dell Doyle, Dow Chemical Company, Midland, Michigan



Doyle has continually helped the division gain new members, and in 2019, due to his efforts, seven companies joined. During his six years as a PPI member, he has also actively participated in efforts to ensure only the highest quality HDPE products are in the market. Amongst his other contributions, Doyle has been part of the PPI group contributing to American Petroleum Institute's standards, and was vice chair of the division's management committee and will now serve as chair.

Municipal & Industrial Division Member of the Year

Mary Houston, Pipeline Plastics, LLC, Westlake, Texas



Houston has served PPI and the Municipal and Industrial Division for many years on task groups, committees and chair positions. In 2020, she is leading the MID efforts to effectively expand the division's marketing efforts by serving her second year as MID marketing chair. She was also instrumental in helping to introduce polyethylene piping to the U.S. Conference of

Mayors, serving on that committee from 2006 to 2015. Houston also led the association's Umbrella Marketing Committee serving as chair from 2009 to 2011 and, again from 2015 to 2017 plus led the division's support of the Municipal Advisory Board.

Power and Communications Division Member of the Year

Tom Stewart, Dura-Line



As the Power and Communications Division's Research and Development Committee Chair, Stewart has been instrumental in the smooth transition between staff engineers. During the past year, he has directly led three projects and is an invaluable contributing member of 11 other active projects.

Plastics Pipe Institute Lifetime Achievement Award

George Zagorski



Zagorski, who recently retired from PPI-member company Blue Diamond Industries, served on the PPI Board of Directors from 2011 to 2017 as vice chair, chair and past chair. During his

years as a PPI member, he participated in the Power and Communications Division in various positions including Advisory Council Liaison, chair of notable PCD Task groups, such as the author of the original PPI TR-47 (2011) and PPI TN-48 (2013) and chaired other committees that worked on PCD-2015-07 “Revise ASTM F2160” resulting in ASTM F2160-16, and PCD-2016-04 “Revise Chapter 14 of Handbook of PE Pipe”. He has participated in countless other task groups and was named PCD Member of the Year in 2018.

Additional information can be found at the Plastics Pipe Institute's website:

www.plasticpipe.org.

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About PPI:

The Plastics Pipe Institute, Inc. (PPI) is the major North American trade association representing all segments of the plastic pipe industry and is dedicated to promoting plastic as the materials of choice for pipe and conduit applications. PPI is the premier technical, engineering and industry knowledge resource publishing data for use in the development and design of plastic pipe and conduit systems. Additionally, PPI collaborates with industry organizations that set standards for manufacturing practices and installation methods.