



Teel Plastics Wins Two Top Plastics Pipe Institute Project Awards

For Immediate Release.

Teel awarded the 2020 Plastics Pipe Institute (PPI) energy piping systems and power and communications Project of the Year Awards

May 20, 2020

Teel is honored to announce it has been awarded two out of five PPI project category awards for 2020: The Energy Piping Systems Division Project of the Year and the Power & Communications Division Project of the Year. PPI is the major trade organization representing all plastic pipe industry segments and creates guidelines and standards for plastic pipe manufacturers. The organization announced its yearly project award winners during its annual meeting on May 5th, 2020.

Teel was excited to learn that of the two awards the company had applied for this year, it was awarded both. Christian Herrild, Teel's director of Growth Strategies and last year's winner of a PPI Member of the Year award said, "We were very excited to be recognized. It's a testament to the hard work of our employees and engineering team that we can work on such major projects in conjunction with our customers."

For the energy piping project, Teel manufactured polyamide 12 (PA 12) gas pipe for the City of Henderson, Kentucky. The city installed 2,720 feet of the pipe, marking the first PA 12 installation under the PHMSA Mega Rule effective January 2019, which allows PA 12 to be installed without a special permit. To minimize disruption to businesses in the industrialized section of the city where the project took place, HMG installed the pipe 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. The welding required to join steel pipe sections on this project would have required additional manpower and prolonged time in the field, while the butt fusion process Henderson used instead was much easier and faster, saving Henderson significant time and labor. Acting as more than just a supplier, Teel also partnered with HMG to design special "weak link" mechanisms to aid in the installation. These were used in each section of the pipe to help ensure that as it was pulled through the bored holes, the links would break in the event of a snag instead of stressing the pipe itself. The installation went smoothly and none of the links or pipe were damaged.



PA 12 installation in Henderson, Kentucky



Installation of Teel Conduit by Alliant Energy in Baraboo, Wisconsin

For the power and communications project, Teel provided Alliant Energy of Madison, Wisconsin with high-quality conduit for installing a private fiber optic telecommunication network. The conduit is being installed across the company's service area in Iowa and Wisconsin to improve their telecom network's security, speed, and reliability. For a utility with a large service area including over 970,000 electric and 420,000 natural gas customers, reliability and capacity is crucial during critical events. The conduit will protect current infrastructure and allow later expansion of network capabilities while providing cost savings to Alliant Energy. The cost savings associated with installation of the conduit and

fiber benefitted 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 new advances in energy efficiency and technology, such as connected devices and smart grid technologies. These advances would not be possible without a private fiber network enabled by cost saving technologies like HDPE conduit.

Teel's goal is to press forward with additional growth and improvement and hopes to be in contention for next year's awards as well.

About Teel Plastics:

Teel Plastics is a premier manufacturer of custom extruded and injection molded plastic products due to the expertise of their distinguished, skilled team – a group of problem solvers known for being professional, progressive, and personable. Specializing in complex projects, Teel produces high-quality custom parts in a wide variety of sizes with tight tolerances. Teel focuses on the medical, cosmetic, industrial piping, film core, and water treatment markets. In addition, there is a full-service analytical laboratory on campus. Founded in 1951, Teel is headquartered in Baraboo, WI. For more information, visit www.teel.com.