American Cast Iron Pipe Co.

AMERICAN Flex-Ring Joint ductile iron pipe performed flawlessly in a near-record length horizontal directional drill in Austin, Texas. On April 23, 2009, 109 20-ft sections (approximately 2,180 ft) of 12-in. AMERICAN Flex-Ring ductile iron pipe were installed using the cartridge method, where the pipe is assembled one piece at a time and pulled through the bore path. Ductile iron pipe was the product of choice. There was approximately 225 ft vertical elevation difference between the pipe entry location and the middle of the Colorado River channel. Flex-Ring provided positive joint restraint during pull back while remaining flexible, with axial deflection capabilities up to five degrees. For more information, call (800) 442-2347, or visit www.acipco.com.

Applied Felts

Applied Felts, the world’s largest independent manufacturer of CIPP felt liners, is a 100 percent vertically integrated, ISO-certified liner manufacturer. Its innovative liners are subjected to a rigorous 28-stage testing system during every phase of the manufacturing process. Every phase of manufacturing — from the purchase of raw fiber to the coating and development of their liners — is done in one location, providing impeccable precision and control. Applied Felts’ clientele includes small contractors, large contractors and municipalities. Regardless of client size, Applied Felts is with its customers at every turn providing ongoing training and support. For more information, please visit www.appliedfelts.com.

Bilco

Bilco offers a complete line of roof hatches to accommodate the access requirements of any commercial building. Bilco’s ladder access roof hatches (Type S, E) accommodate a single person at a time and feature easy, one-hand operation to fully open or close the hatch, providing the user with the security of having one hand firmly on the ladder at all times. Specified with a clear polycarbonate dome (Type GS), this type of hatch offers the benefit of a skylight. The company’s ship stair access hatch (Type NB) and service stair access hatch (Type L) are ideal for installations where frequent use is expected. They permit easier movement of maintenance workers and enable them to carry large tools or parts onto the roof for service. For more information on Bilco’s complete line of roof hatches, call (203) 934-6363 or visit www.bilco.com.

BW Technologies

BW Technologies by Honeywell announces the arrival of the GasAlertMax XT multi-detector for H2S, CO, O2 and combustible gases. Simplify remote sampling in confined spaces with the GasAlertMax XT’s non-intrusive integrated sampling pump and SmartSample diaphragm pump technology. Compact and field tough, the GasAlertMax XT, with one-button operation and flexible user options, the GasAlertMax XT provides ease of use and simple compliance to industry safety standards. GasAlertMax XT is ideally suited to a range of applications and customers including confined space entry, oil and gas, marine and shipping, utilities, wastewater treatment plants, power generation and municipal needs. For more information on the GasAlertMax XT, visit www.gasmonitors.com.

CertainTeed Corp.

CertainTeed engineered the first completely non-metallic, corrosion-resistant, restrained-joint PVC piping system for trenchless construction and offers a variety of contractor-proven Certa-Lok products for water, sewer and conduit applications. The latest member of this family, CertaFloTM GreenLine, is ideal for gravity sewer applications where PVC is far superior in terms of holding grade. CertaFlo GreenLine has been available in sizes 4 to 8 in. and recently introduced two larger sizes, 10 and 12 in., to expand this family and meet customer demand. Certa-Lok requires no special heat-fusion equipment, saving contractors a significant amount of time and money — joints are assembled as the pull-back continues, so streets remain open and clear. For more information on Certa-Lok and other CertainTeed PVC pipe products, call 866-CT4-PIPE.
CUES

The K2 portable inspection system can be mounted in a wide range of vehicles, trailers or used as a stand-alone system. K2 features wireless control of all camera, transporter and reel functions. Use the K2 with the CUES Steerable Pipe Ranger or Mudmaster transporters to traverse long distances and tough pipe conditions. The K2 system can be configured with 1200 ft high strength video cable with an auto-payout feature to operate all CUES pan and tilt/zoom cameras and transporters. Truck-mounted systems are also available with 2,000- to 4,000-ft cable reaches.

Godwin Pumps

Godwin Pumps, a worldwide manufacturer and supplier of the Dri-Prime automatic self-priming pump, introduces the Godwin Dri-Prime model CD500M 20-in. by 18-in. automatic self-priming pump. Capable of flows to 13,200 gpm and heads to 208 ft, the CD500M is a direct drive, high-volume centrifugal pump with Godwin’s original double venturi Dri-Prime priming system. The pump’s cast iron with cast chromium steel impeller is designed for general pumping with solids handling up to 4 in. in diameter, making it ideal for sewer bypass and municipal sludge applications with more than 28 ft of suction lift.

HOBAS

Centrífugally cast, fiberglass-reinforced, polymer mortar HOBAS pipe is inherently corrosion resistant and lasts 100 years or more providing a very low life-cycle cost. After more than a quarter-century of reliable service, most U.S. municipalities have used HOBAS pipe in new construction and rehab in critical installations. Key applications are sanitary sewers, potable water and corrosive environments. Contractors prefer its leak-free, push-together joints that reduce installation time and costs.
HOBAS benefits include inherent corrosion resistance, superior hydraulics, lightweight and high strength. Installation methods include slip lining, microtunneling/jacking, tunnel lining, direct bury and aboveground. Sizes range from 18 to 110 in. for both pressure and gravity applications. Visit HOBAS at Booth 3563.

**Inuktun**

At just 0.875 in. in diameter, the Mini Crystal Cam — Push Camera will fit in to pipes as small as 1.4 in. in diameter. The controller is securely attached to the reel, allowing minimal setup at each job visit, yet it can be easily transferred between two mounting positions on the frame or detached completely for access to tight spaces. The Mini Crystal Cam — Push Camera’s dimension’s are 19.5 in. x 15.5 in. x 8.25 in. (or 19.5 in. x 15.5 in. x 13.5 in. with controller on top). Like its predecessors, the Mini Crystal Cam — Push Camera is as durable as it is unique. Combining an external stainless steel housing, internal potted electronics and a depth rating of 3,300 feet, the camera is ideal for working in extreme conditions. To see it for yourself, call Inuktun at (877) 468-5886 or visit www.inuktun.com.

**Insituform Technologies**

Insituform Technologies Inc. invented cured-in-place pipe (CIPP) more than 35 years ago. Today, Insituform continues to advance the infrastructure rehabilitation industry with its InsituMain system, an AWWA Class IV fully structural, pressure-rated CIPP solution suitable for pressure pipelines up to 36 in. in diameter. Engineered to restore existing pressure pipes, the InsituMain system withstands internal pressure and external load requirements, as well as eliminates leakage and corrosion. Because its advanced design characteristics allow it to adhere to the existing host pipe, specialty fittings are not required. Visit Insituform in Hall B Booth 4005.

**ITT Water & Wastewater U.S.A.**

ITT Water & Wastewater U.S.A. has recently introduced the 2600 series of dewatering pumps, including six models with output ranges of 1.3 to 27 HP.

The pumps feature innovative hydraulics, fewer components, new materials and an ergonomic design. The patented DuraSpin hydraulic system improves wear resistance and sustains performance over time. A single screw enables easy adjustment for maximum pump performance. The results of all of these features: unmatched wear resistance, consistent long-term performance, resulting in the lowest cost of ownership. Visit its Web site at www.us.ittwww.com.

**The Janssen Process LLC**

Janssen technology rebuilds springline support for the lateral connection through the operation of a robotic cutter and packer. The injection of resins into soil and voids provides new structural support for the lateral. Simultaneously, resins permanently seal the connection preventing infiltration and roots from entering. Janssen is ideal for lined pipe as it permeates annulus and stops water from entering the lateral opening. Resin can be pumped under high ground water conditions. Reynolds Inliner is a licensed Janssen installer. Visit Inliner Technologies, booth #4375 in Hall B for more information about Janssen technology.

**JM Eagle**

JM Eagle, the world’s largest manufacturer of plastic pipe, introduces Eagle Loc 900, a new internal joint restraint system, featuring BullDog technology. Eagle Loc 900 reduces or eliminates the
need for external joint restraints on PVC pipe fittings, simplifies installation and reduces labor costs. It’s assembled in the field just like standard PVC and will not corrode — making it the long-term solution to your infrastructure challenges. That’s the power of plastic. That’s JM Eagle. To learn more about Eagle Loc 900, visit www.jmeagle.com/EagleLoc900.

**Kerneos Aluminate Technologies**

SewperCoat, the only proven 100 percent calcium aluminate solution, is designed specifically for the municipal wastewater industry to provide a structural, abrasion and corrosion-resistant, protective lining against biogenic corrosion relative to hydrogen sulfide (H2S) found in wastewater environments. With decades of worldwide performance, its unique chemistry resists the effects of biogenic corrosion for generations. Both the cement and aggregate are 100 percent pure fused calcium aluminate. This provides a level of protection that other CA based mortars with a natural aggregate system simply cannot achieve. In addition to its proven track record, SewperCoat is also backed by a no-nonsense 10-year labor and materials replacement warranty.

**LANSAS**

LANSAS Products, manufactured by Vanderlans & Sons, has announced a multi-size, bladder-style vacuum test head with Wide Bladder technology. This unique unit, made of lightweight aluminum, weighing only 65 lbs, has a field replaceable Wide Bladder, giving it a full 6-in. sealing range for complete sealing efficiency over the most common manhole sizes from 21.5- to 27.5-in. diameters. The Super-Wingnut feature makes height adjustment easier and quicker. It’s 30 percent lighter and does the job of two of our competitors’ head assemblies.

**MaxLiner USA**

MaxLiner USA, a Dow Chemical Epoxy Systems alliance partner, is the easiest, most comprehensive lateral relining system around. Tested, proven and perfected to stringent standards in residential and commercial applications throughout the world for more than 10 years, only MaxLiner offers a...
completely comprehensive solution for relining lateral pipelines. MaxLiner has also received code compliance from ICC-ES, meaning MaxLiner is the only CIPP system to be listed under PMG-1050, the sanitary waste and vent piping plumbing specialties product category. This unique classification allows MaxLiner to expand CIPP into the commercial and private building markets which, in turn, creates additional business opportunity for MaxLiner installers. For more information, visit www.maxlinerusa.com.

Poly-Triplex Technologies Inc.
Poly-Triplex Liner System is engineered for permanent rehabilitation of manholes, pump stations, catch basins, large diameter pipe and culverts. Poly-Triplex fiberglass liners are saturated with epoxy resins and then cured-in-place with patented no-dig technology, resulting in a monolithic composite formed within the host structure, eliminating pinholes, deterioration, infiltration and exfiltration. The liner system: restores structural integrity to host structure, over 1 1/2 times stronger than corrugated metal pipe, engineer-certified 100-year service life expectancy, and has up to 20-year materials warranty.

Pressure Pipe Inspection Co. (PPIC)
Sahara is an inline acoustic condition assessment tool that pinpoints gas pockets and leaks in pressurized wastewater pipelines such as force mains and inverted siphons. Wastewater escaping from these pressurized pipelines not only indicates the loss of structural integrity, but can also wash out bedding causing sinkholes to form and pipes to buckle. Inserted through any live tap 2 in. or greater, the tether-controlled Sahara sensor travels with the flow detecting leaks, gas pockets, entrained air, and flow turbulence in real time. Sahara provides utilities with a reliable assessment of force mains and allows remediation of leaks.

RedZone Robotics
RedZone Robotics is introducing a breakthrough product in pipe inspection technology, the RedZone Solo, at this year’s WEFTEC (Booth #4311). Visit www.solosplash.com/tt for a sneak preview. The Solo robot does not require onsite trucks, generators, or personnel — resulting in increased safety, emissions reductions, elimination of easement access challenges and minimal public disruption. One crew can operate multiple Solo robots after a day’s training, with high throughput and quality results. This addition complements our flagship Responder large diameter inspection system and our ICOM3 software to empower asset owners with useful information about their most valuable infrastructure.

Reline America
Reline America’s Blue-Tek liner is ultra-violet cured onsite so no refrigeration is required as with thermally cured products. The liner is saturated with the company’s cutting-edge resin formula at its manufacturing facility so there are no raw materials or resin drain to deal with at the job site. As an extra measure of quality, our liners are pre-tested in our lab prior to installation. Portable, computerized installation equipment produces a completed pipe liner that cures quickly. The curing process is continually monitored by the operator and recorded by sensors and other devices on a tamper-proof computer. The Quality-Tracker System won the NASTT Innovative Product Award.

RS Lining Systems
RS Lining Systems, a Dow Chemical Epoxy Systems alliance partner, offers CityLiner, the industry’s premier mobile CIPP solution. With CityLiner, the ability to prepare, impregnate and install styrene-free, non-shrinking epoxy CIPP liners right on the job site results in controllable conditions and consistent quality without disruptive excavation. CityLiner Systems are used to renew circular and non-circular gravity flow pipelines up to 3 in. in diameter. The system can negotiate up to 90-degree bends and accommodate pipe diameter transitions resulting in a structural pipe-within-a-pipe with a minimum 50-year design life. For more information visit www.rsliningsystems.com.

Sauereisen
Sauereisen continues to innovate with materials and application methods for the municipal wastewater industry. Since entering the market more than 20 years ago, Sauereisen
Sauereisen’s SewerGard 210 family of protective polymer linings has earned a solid reputation in the restoration and protection of wastewater infrastructure. This enhances corrosion resistance and extends the longevity of underground infrastructure such as manholes and lift stations. SewerGard is available in several variations to accommodate desired thickness and methods of application. Today, Sauereisen is combining material science and ease of application at a new level. One grade of product may be spincasted to allow manhole restoration projects to proceed safely and easily from ground level. Trowel, airless spray or roller may apply other grades of SewerGard.

**SpectraShield**

Patented SpectraShield liner is a spray-applied, silicone-modified, polyurea system that is used to rehabilitate and protect wastewater structures such as manholes, wet wells or wastewater treatment plant facilities. There are many advantages of SpectraShield: it stops groundwater infiltration and prevents corrosion, it imparts structural strength with its stress skin panel effect, its fast curing means a typical 7-ft deep manhole can be completed in less than one hour, it’s cost competitive with all other coatings and liners and it comes with a 10-year warranty. For more information, visit www.spectrashield.com.

**Sprayroq**

Sprayroq, an industry leader in the development of spray-applied polyurethane solutions for infrastructure rehabilitation, corrosion management and infiltration control is pleased to offer a Bio-Based line for corrosion coatings in potable water and wastewater collection and treatment systems. SprayShield Green SG#1 has...
recently been accepted for inclusion in the USDA’s BioPreferred program and is listed under the category of Water Tank Coatings. SG#1 is an elastomeric, spray-applied polyurethane with 70 percent “B” content Bio-Based material. The product is also NSF61 Certified and approved for use in a potable water environment. Sprayshield Green has undergone extensive third party testing and meets numerous ASTM standards which are available for public view at www.sprayroq.com.

**U.S. Pipe**

The horizontal directional drilling (HDD) pipeline installation method is becoming more and more common in our industry. U.S. Pipe’s proven and reliable TR FLEX Restrained Joint pipe is approved for use in applications using HDD. It provides easy assembly and positive thrust restraint, and withstands the unique rigors and demands of HDD. The great strength of ductile iron, combined with the renowned TR FLEX Restrained Joint, make it the right choice for HDD.

**Vactor Mfg.**

Ideal for public utilities and professional contractors cleaning entire wastewater and sanitary systems, the redesigned Vactor 2100 Plus sewer cleaner features increased vacuum performance and improvements to operator comfort and control, air routing and filtration efficiency and fuel efficiency. Smart Truck concept features include internal monitoring systems that enable the operator to monitor and troubleshoot flow and pressure, blower temperature and oil level, drive system idle and open vacuum relief. For additional information on the Vactor 2100 Plus sewer cleaner or to schedule a demonstration, call (800) 627-3171 or visit www.vactor.com. Visit Vactor Mfg. at Booth 5007 at WEFTEC 2009.