

IT'S A BORING LIFE



Iowa Trenchless
BORING & TUNNELING SPECIALISTS

AUGER BORING | TUNNELING | MICROTUNNELING
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IOWA TRENCHLESS POWERS KEY UTILITY RELOCATIONS FOR K-10/ SOUTH LAWRENCE TRAFFICWAY EXPANSION





THE KANSAS DEPARTMENT OF TRANSPORTATION'S (KDOT)

transformational expansion of the K-10/South Lawrence Trafficway (SLT) is reshaping a critical corridor in northeast Kansas—and beneath the surface, Iowa Trenchless is hard at work relocating key water and sanitary sewer utilities to make way for the highway's future.

The SLT project is being constructed in two phases: the North Project—stretching from the I-70/K-10 interchange to 6th Street—is scheduled to begin in 2026; while the South Project—extending from 6th Street southeast to U.S. 59—is already under construction. Once completed, K-10 will be a fully access-controlled, four-lane highway, dramatically improving safety and mobility for both local residents and regional commuters.

A Critical Step: Utility Relocations

As part of this major infrastructure upgrade, the City of Lawrence has coordinated with KDOT to relocate several critical utility lines that cross K-10. These include both existing water and sanitary sewer infrastructure as well as future utility corridors identified in the City's Water and Wastewater Integrated Plans. The utility relocation phase has become a key piece of the overall project.

With approximately **4,500 linear feet of 8" to 16" water main** and **2,500 linear feet of 8" to 48" sanitary sewer** to be replaced or relocated and 10 highway crossings, the scope required a proven trenchless contractor with the ability to work in challenging ground conditions under active roadways, and Iowa Trenchless was selected for this critical assignment.

Expertise Below Ground

Iowa Trenchless brings extensive experience and specialized equipment to the table—an ideal match for a project involving multiple **trenchless installations** through variable soil conditions, sensitive traffic corridors, and congested utility zones. The ability to install large- and small-diameter utilities with minimal disruption to the surrounding infrastructure makes Iowa Trenchless a natural fit.

Installations include guided boring in both soft ground and hard ground conditions, and pipe jacking ranging in size from 24" to 73.5". The largest crossing will be 390 LF of 73.5" diameter steel casing for a 48" sanitary sewer, expected to be completed in Q3, 2025, and the longest crossing will be 465 LF of 24" diameter steel casing for a 12" watermain.

To-date, Iowa Trenchless crews have successfully completed three crossings totaling over 800 LF of 24" and 30" diameter steel casing in bedrock conditions utilizing the Akkerman 240A GBM and Tri-Hawk adapter tooling, followed by custom rock heads that were a product of collaboration between Iowa Trenchless and Michael Byrne Manufacturing.

Supporting a Broader Vision

The SLT expansion is more than a highway project—it's a regional transformation. Interchange improvements and expanded capacity throughout the corridor will not only improve traffic flow but also open opportunities for future growth and development, with utility relocation being one of the first and most essential steps in that process. By getting ahead of the construction schedule and completing utility crossings, Iowa Trenchless is helping pave the way—literally and figuratively—for long-term success.

As the SLT South Project moves forward through 2025 and beyond, Iowa Trenchless is proud to be a trusted partner in making these improvements possible—one crossing at a time.



EMPLOYEE SPOTLIGHT:

BRAD DERRY

When you walk into the shop at Iowa Trenchless, there's a good chance you'll find Brad working on any number of special projects, welding lead or torch in hand, crafting a custom build from a sketch, or—just as likely—looking for a part someone forgot to write on the whiteboard. With decades of experience, a natural instinct for fabrication, and a deep love for building (and rebuilding) just about anything,

From a junkyard kid to a fabrication pro Brad's journey didn't begin in a classroom—it started next to a scrapyard. "I was a little hard on things growing up," he laughs. "I always broke stuff, so I learned how to fix it. We'd grab a piece of junk and make it work. That's just how it was."

That can-do attitude has been with him ever since. From woodworking to welding, houses to highways, fiberoptics to geothermal, Brad's curiosity and talents have led him on many paths.

"I just like doing something different every day," he says. "You can tell from my resume—no two days have ever looked the same."

Today, Brad serves as Shop Foreman, where his work is part craftsmanship, part leadership, and part creative problem-solving. He builds from pictures – sometimes even just a concept – and holds a high standard for every project that leaves the shop.

"My rule is simple," Brad explains. "If it leaves the shop, it's a reflection of you. If it looks bad, either you didn't follow instructions—or I didn't double-check it."

But ask him about his favorite part of the job? "I get to see my son," he says, referring to Brandon, who is one of our General Superintendents at Iowa Trenchless. "That's a good reason to come in every day."

Brad knows that passion is the foundation of success in this line of work. "You've gotta like it. If you don't, you won't do well," he says. That's exactly what he told Brandon when he started. "I said, if you're not going to college, find something you love and be the best at it."

Outside of work, Brad lives with his wife of 38 years, Cindy and they have a life as self-sufficient as his professional one. "We live off-grid," he says proudly. "Solar-powered, everything built by hand—by me." He has taught himself how to install solar, maintain their home, and fix anything that breaks. "There's nothing out there I paid someone

else to do. If something needs fixing, I'll figure it out."

While Brad's talents are vast, what really sets him apart is his ability to *figure it out*. "I've always wanted to know how things work and why. That got me into trouble as a kid, tearing things apart—but eventually, you learn to put them back together."

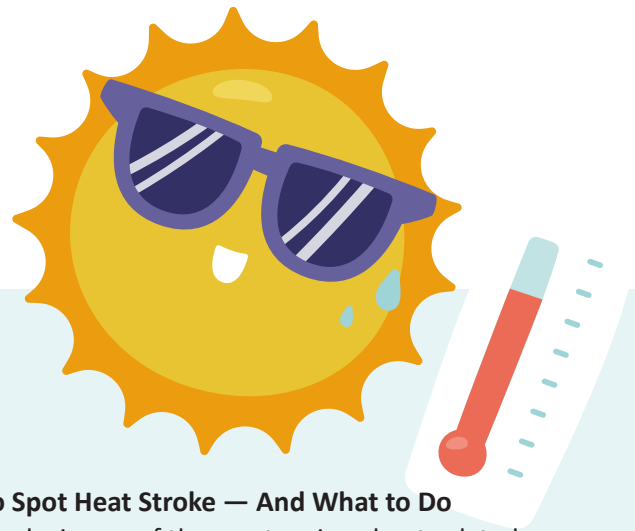
Brad has seen the company grow from a one-man shop to a thriving operation. "When I first worked here, I was the only one in the shop," he recalls. Brad would even get called out on jobs to do bores. "Now, we've got a team—but I'm still waiting on that dream shop and a few more guys who think like me."

For now, Brad continues to build, lead, and teach by example—holding the line on quality and putting his heart into every weld. He may brush off the praise, but ask anyone around him: Iowa Trenchless runs better because of Brad.



BEAT THE HEAT:

Summer Safety Tips for Construction Workers



Working in the heat isn't just tough — it can be dangerous. Use these tips to stay safe and strong all summer long.

1. Start Early

Plan heavy tasks during the cooler parts of the day — early morning or late afternoon.

2. Stay Hydrated

Drink water every 15 to 30 minutes. Avoid soda, energy drinks, and caffeine. Add electrolytes if you're sweating a lot.

3. Dress Smart

Wear loose, breathable clothing. Use UV-protective gear. Don't forget a wide-brim hat and sunglasses.

4. Know the Signs of Heat Illness

- *Heat Exhaustion*: heavy sweating, fatigue, headache, nausea
- *Heat Stroke*: call 911 — hot, dry skin, confusion, fainting, fast pulse

5. Take Shade Breaks

Take frequent rests in the shade. Don't push through dizziness or nausea. Use the buddy system to look out for each other.

6. Use Cooling Gear

Cooling towels or vests, ventilated hard hats, portable shade tents, or a wet shirt or hat can help provide relief.

7. Protect Your Skin

Use SPF 30+ sunscreen. Reapply every two hours. Don't forget ears, neck, and hands.

8. Look Out for Your Crew

Heat can impair judgment — speak up if a teammate looks off. Safety is a team job.

How to Spot Heat Stroke — And What to Do

Heat stroke is one of the most serious heat-related illnesses and can become life-threatening in minutes if not treated properly. It occurs when the body's temperature regulation system fails due to prolonged exposure to high temperatures, often combined with physical exertion, and the body can no longer cool itself down.

Unlike heat exhaustion, which typically involves heavy sweating and fatigue, **heat stroke often presents with dry, hot skin and a complete lack of sweat** — one of the most critical warning signs. Other symptoms include confusion, disorientation, rapid pulse, dizziness, nausea, headache, and in severe cases, seizures or unconsciousness. If a person stops sweating despite the heat, their body is overheating and losing its ability to cool down — this is a red flag.

If you suspect someone is having a heat stroke, call 911 immediately. This is a medical emergency and cannot be treated on-site without professional help.

While waiting for first responders:

- Move the person to a cool, shaded area
- Begin cooling their body as quickly as possible
- Loosen or remove heavy clothing
- Use cold, wet cloths or ice packs — especially on the neck, armpits, and groin
- Use fans or spray bottles if available

Do not give the person anything to drink if they are confused or unconscious — this could cause choking. Focus on lowering their body temperature and keeping them stable until help arrives.

When it comes to heat stroke, **seconds count**. Learning the signs and knowing what to do can save a life — possibly your own or that of a crew member.

STAY COOL, STAY SHARP, STAY SAFE

INNOVATING BENEATH THE BLACK HILLS:

Iowa Trenchless Delivers in Highway 385 Rebuild

As the South Dakota Department of Transportation (SDDOT) works to modernize a critical stretch of Highway 385 in the heart of the Black Hills, Iowa Trenchless has brought underground innovation to the surface—proving once again that the right trenchless methods can overcome even the most formidable subsurface challenges.

The multi-year, \$72 million reconstruction of approximately 15 miles of Highway 385 in the Black Hills is bringing this aging corridor up to modern design standards. With wider shoulders, improved curves, upgraded drainage, and better traffic flow, the project is addressing long-standing safety and infrastructure issues across one of South Dakota's most rugged and scenic routes.

But what drivers won't see—thanks to the success of Iowa Trenchless—is the difficult trenchless work done deep below the roadway.

Not Your Standard Bore

Early project plans allowed for extra-deep excavations via open cut or jack and bore installations at several key ravines along the route. The General Contractors proposal, teamed with the Iowa Trenchless jack and bore option, won the bid electing to avoid the deep excavations. However, during preliminary evaluations,

it became clear that the subsurface conditions—dense embankment fills composed of schist and quartzite, compact soils, and large boulders – blasted rock fill sourced from nearby cuts in the initial roadway construction—posed too great a risk for traditional bore and jack methods.

With pipe runs ranging from 132 to 250 feet horizontally and up to 50 feet deep, the chance of encountering oversized rock, casing damage, and refusal conditions made conventional methods unfeasible.

Ramming Forward with Precision

With vast experience and knowledge of its' capabilities, Iowa Trenchless proposed and executed a highly effective alternative: **pneumatic pipe ramming**—a trenchless method well-suited to driving steel casing through tough ground and variable fill. To ensure accuracy during these long, blind drives through compacted rock embankments, the **Casing Compass** guidance system was used in tandem with pipe ramming equipment. The combination allowed for line and grade to be monitored throughout the installation, which was particularly critical given the presence of the blasted rock fill and the gravity flow application.



Despite difficult terrain, winter conditions, and significant rock content, the Iowa Trenchless team successfully completed the first trenchless installation – 176' of 54" diameter pipe – just before Christmas, with the second installation – 214' of 54" diameter pipe – immediately after the New Year. The third installation – 134' of 42" diameter pipe – was successfully completed in the spring, with the fourth and final crossing – 146' of 42" diameter pipe – anticipated for the Fall.

Supporting the Larger Vision

These successful crossings play a vital role in enabling the larger goals of the Highway 385 reconstruction. Upgraded drainage infrastructure, new culverts, and safer roadway geometry all rely on properly placed utilities and crossings. The ability to install pipe under high fills without open-cut excavation not only preserved the integrity of the embankments but also helped keep the ambitious project on track.

As work continues into 2025 and 2026, Iowa Trenchless is proud to contribute to a project that blends long-term public benefit with technical trenchless excellence. In the Black Hills, where rock meets road, innovation below ground ensures safety above.

SMART INFRASTRUCTURE, SUBSURFACE SOLUTIONS

Trenchless Techniques Deliver on State Line Road Pump Stations & Forcemain Project

As Johnson County Wastewater (JCW) advances a cornerstone initiative in its 25-year Integrated Plan, trenchless construction is playing a vital role in minimizing disruption and maximizing long-term value. The **State Line Road Pump Stations and Forcemain Project** is under construction, and thanks to advanced **trenchless construction methods**, major sanitary sewer and forcemain crossings are being completed along State Line Road with precision and minimal surface impact.

Project Purpose: Smarter Flow, Smarter Spending

The project's goal is to **capture wastewater flow** from the Leawood service area that currently crosses into Kansas City, Missouri's system for treatment. Instead, these flows will now be rerouted to JCW's newly upgraded **Tomahawk Creek Wastewater Treatment Facility**.

The business case is as strong as the engineering. JCW estimates the project will save more than **\$100 million over the next 20 years** compared to continuing treatment with Kansas City, Missouri. Even more compelling: the project is expected to **pay for itself within 6 to 7 years**, delivering both immediate and long-term financial benefits to Johnson County residents.

Trenchless at the Core: Guided Jack & Bore Crossings

To complete critical underground connections while avoiding major impacts to traffic and adjacent properties, **pilot-tube guided jack and bore** was chosen to install:

- Two segments of 12-inch gravity sanitary sewer inside 24" Steel Casing
- Two segments of 20-inch and Two segments of 24-inch force main inside 42" Steel Casing

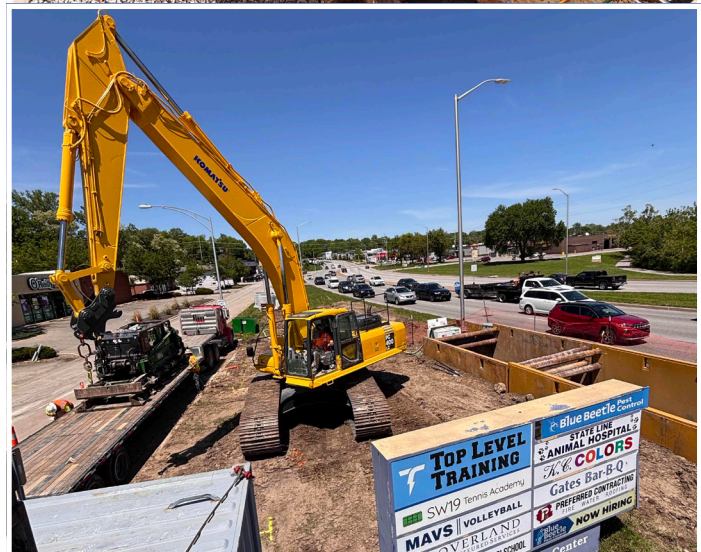
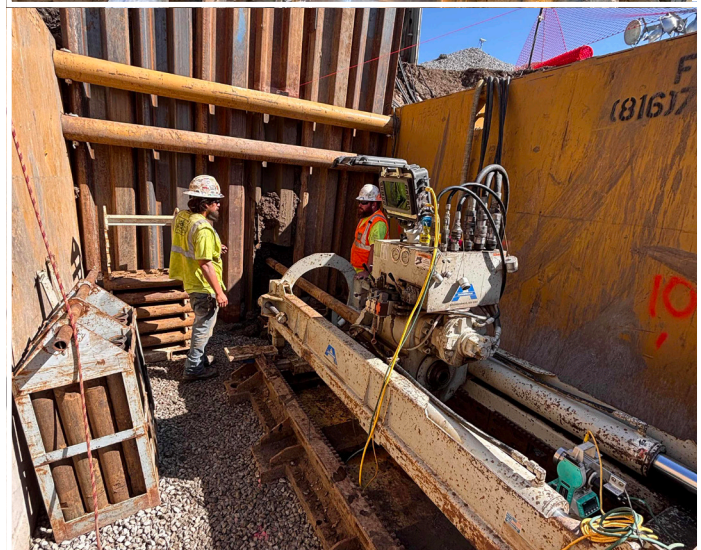
Two New Pump Stations, One Common Forcemain

Construction includes two new **wastewater pump stations** located along State Line Road, along with a **new common forcemain** that will run beneath the corridor. The trenchless segments were essential to cross I-435 and frontage roads in these congested, highly traveled areas.

A Model for Multi-Benefit Infrastructure

The State Line Pump Stations and Forcemain Project is more than a utility improvement—it's a long-term investment in financial stewardship and environmental responsibility. By using trenchless methods like guided jack and bore, JCW and its construction partners are delivering the project with less disruption and more value.

As construction progresses throughout 2025, this project will stand as a regional example of how **strategic planning and trenchless technology** can come together to solve complex infrastructure challenges—underground and above.



COMPANY HIGHLIGHTS: PHOTO CONTEST



February Winner: Jon Kile & Joe James Jon's crew completed this project in Minidoka, Idaho, where a challenging 48" rock bore for the Union Pacific Railroad resulted in successful installation of 140' of 54" steel casing with the Taurus, one of several TT Technologies pipe hammers in our Iowa Trenchless fleet.



May Winner: Brandon Derry Taken on the late nights of the Thornton, CO 104th street crossing project. The crew completed this 140 LF of 54in steel casing utilizing the Pilot Tube Pipe Ramming method.



Honorable Mention: Dustin Olson Unloading the brand-new pipe hammer, the APOLLO from TT Technologies! The largest model in their lineup, this is one of the most powerful pipe hammers available in North America, and one more reason



Honorable Mention: Joe James Darrell Morris with Iowa Heavy Hauling dropping off a PC 400LC Excavator to start the second 24" Bore at the State Line Rd, Kansas City, KS job.

to partner with Iowa Trenchless for your most challenging Trenchless installations!



March Winner: Luke Lathrop, submitted this heartwarming photo from a recent project at the DSM WRA facility portraying the ❤ among our employees. Congratulations, Luke!



May MVP Winner: Kiefer Mathews-Performed Televising from the manhole through brand new sewer lines for Marshalltown, IA school expansion. This expansion of sewer lines included the new track, concession stands, as well as the tornado shelter.



Honorable Mention: Brandon Derry Ealy mornings and late nights at the Santaquin, UT Project. Traveling through the country with the prettiest views is a benefit of the job!



May MVP Runner Up: Bud Durnan MVP working with Baker Enterprises in Pella, IA using Hydro-Excavating to locate utilities in preparation for Iowa Trenchless to come in to complete a bore.



April Winner: Joe James Recognized for the successful completion of a 240 LF sanitary sewer bore beneath Highway 212 on the Watertown, SD project.



June Winner: Gavin Felder When the Thunder Rolls, the Hammer Strikes. Making an impact with TT Technologies Goliath pneumatic hammer - installing more than 130 ft of 42 in pipe in rocky ground. Black Hills, SD Pipe Ramming Job



Honorable Mention: Luke Lathrop captured a dramatic action photo of Foreman Jon Kile kicking his feet up on the job - and getting it done welding a steel casing for new water main installation in Thornton, CO.



Honorable Mention: Gavin Felder A striking view from our Black Hills project in South Dakota, where precision work meets rugged terrain. Installing more than 130' of 42" pipe in rough terrain.



June MVP Winner: Brandon Derry captures the team work between our sister companies Iowa Trenchless & Midwest Vac Professionals while doing utility locates for the Waukee, IA job.



Honorable Mention: Kiefer Mathews MVP took a trip to the Zoo! The Blank Park Zoo in Des Moines, IA called MVP to come in to help prepare for the new Lion Exhibit. MVP services were used to clean lines before tying in a new sewer line for the new exhibit.

SUMMER PROJECTS: GROWTH, GRIT, AND GETTING THE JOB DONE

Our team has been hard at work this summer with several active projects, continued growth, and new partnerships. Here's a quick look at what we've been up to:

One of the largest undertakings right now is the ongoing work at Northern Natural Gas, where crews are excavating and replacing valves at 116 well heads. The process involves hydro excavation, digging approximately 3 to 5 feet deep and 4 feet wide per site to access the valves for replacement. While the work is routine, it's essential for maintaining infrastructure integrity and keeping everything running safely.

Our team has also been back on-site at Offutt AFB, primarily focused on utility locating. This type of work ensures safe digging operations and proper infrastructure planning—especially important at high-security or high-traffic locations.

Outside of hydro excavation, we're also running strong in our televising and cleaning division, especially through our ongoing work with McAninch Corporation and other contractors. This involves using specialized camera trucks to inspect sewer lines in new developments around Des Moines, ensuring infrastructure is clean, clear, and up to code.

Thanks to our expanding workload, we've recently added five new team members. We're currently operating four vacuum trucks and two camera trucks—consistently—for the past few weeks. This kind of pace reflects not only our

workload but also our team's ability to rise to the occasion.

Special shoutout to Johnny Harold – our new salesman who brings years of industry experience and is driving our expansion into more towns. We have picked up a substantial increase in city contracts, including work for the City of Panora and outreach to more than

50 other municipalities. Johnny has played a key role in securing this new municipal work, and we're seeing steady growth in our city-based services.

Also, a big thanks to our entire crew, whose long hours and dedication on our current jobs haven't gone unnoticed. We also want to recognize McAninch for their partnership—our collaboration continues to help us grow and diversify our services.

As our client base grows, so do the possibilities. We continue to evaluate our services, offerings, and what our customers need, ensuring we remain a trusted partner in every project. From hydrovac excavation to precise potholing and detailed CCTV inspections, MVP is committed to delivering solutions that meet the demands of today while preparing for the opportunities of tomorrow.

Thanks to everyone for your continued hard work and flexibility as we expand. Whether you're in the field, in the office, or on the road—this growth wouldn't be possible without you.



TRENCH SAFETY STAND DOWN:

While we all realize the importance of jobsite safety and looking out for one another, it's essential to continually refresh our values and practices to ensure safety remains paramount—and complacency has no place. That's the purpose of the 9th annual Trench Safety Month, when the underground construction industry sets aside the full month of June to reach out to the many workers in and around trenches and excavations to provide them with information about current requirements and safety procedures, spotlight hazards, and renew the commitment to safe work practices. Promoted by NUCA and OSHA, Safety Month is highlighted by the annual Trench Safety Stand Down (TSSD) week, held June 16–20, 2025.

At Iowa Trenchless and Midwest Vac Professionals, we took a meaningful pause from our daily routines to focus on what matters most: keeping our people safe. Throughout the week, we conducted company-wide toolbox talks, with more than 40 team members gathering to engage in meaningful discussions on the life-saving practices that protect our crews in the field.

The week started on a high note as Josh Snyder, Safety Instructor from Contractor Solutions, led an excellent hands-on training session at the Iowa Trenchless/MVP headquarters. Josh shared his expertise on best practices, common trench hazards, and the critical steps needed to prevent trench-related incidents. His experience and insights are invaluable in strengthening our team's awareness and reinforcing our shared commitment to safety.

Attendees were served a hearty breakfast from Raccoon Valley Catering and Owner, John Derry – a former Iowa Trenchless employee. The delicious food helped start the day on the right note and kept the crews energized and focused.

Owner, Jason Clark, also took time to speak to the team. He emphasized that trench safety isn't just a regulation—it's a responsibility we all carry for ourselves and for each other. His message served as a powerful reminder that safety is woven into the fabric of our company culture.

Thank you to everyone who participated, asked questions, and took time to grow your knowledge. Events like the TSSD aren't just about compliance—they're how we protect our people, strengthen our teams, and shape a safer future together.

CELEBRATING OUR TEAM: EMPLOYEE ANNIVERSARIES

At Iowa Trenchless and Midwest Vac Professionals, we know our success is built on the hard work, dedication, and loyalty of our team. In this edition, we're proud to recognize and celebrate the following employees for their years of service:

Iowa Trenchless:

Jason Clark	23 years
Shari Clark	23 years
Rick Siemers	20 years
Brandon Derry.....	19 years
Randy Siemers	16 years
Jay Klein	14 years
Jeremy Steeve	14 years
Lance Atkinson.....	11 years
Wyatt Clark.....	10 years
Jon Kile.....	10 years
Darrell Morris.....	9 years
Brad Derry.....	9 years
Jack Weinkoetz.....	6 years
Tony Curry	7 years
Zach Long	7 Years
Joe James	6 years
Jacoby Winters.....	6 years
Noah Ramsey	5 years
Mason Jones	5 years
Wes James	4 years
Gavin Felder	3 years
Daniel Jensen	3 years
Jim Herbst	3 years
Jonathan Martinez	2 years
Jeana Shepherd.....	2 years
Alex Tapley	2 years
Dylan Ingram.....	1 year
Luke Lathrop	1 year
Steve Bell	1 year
Dustin Olson.....	1 year
Brian Krakau	1 year

Midwest Vac Professionals:

Bud Durnan	7 years
KT Fortney	7 years
Chris McClellan	6 years
Kiefer Mathews.....	5 years
Nick Stillwell.....	2 years
Collin Comstock	1 year

To each of you—thank you for everything you do. Whether you've been here 1 year or 20, your contributions matter, and we're lucky to have you as part of our crew.

Here's to many more years of growth and success together!

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