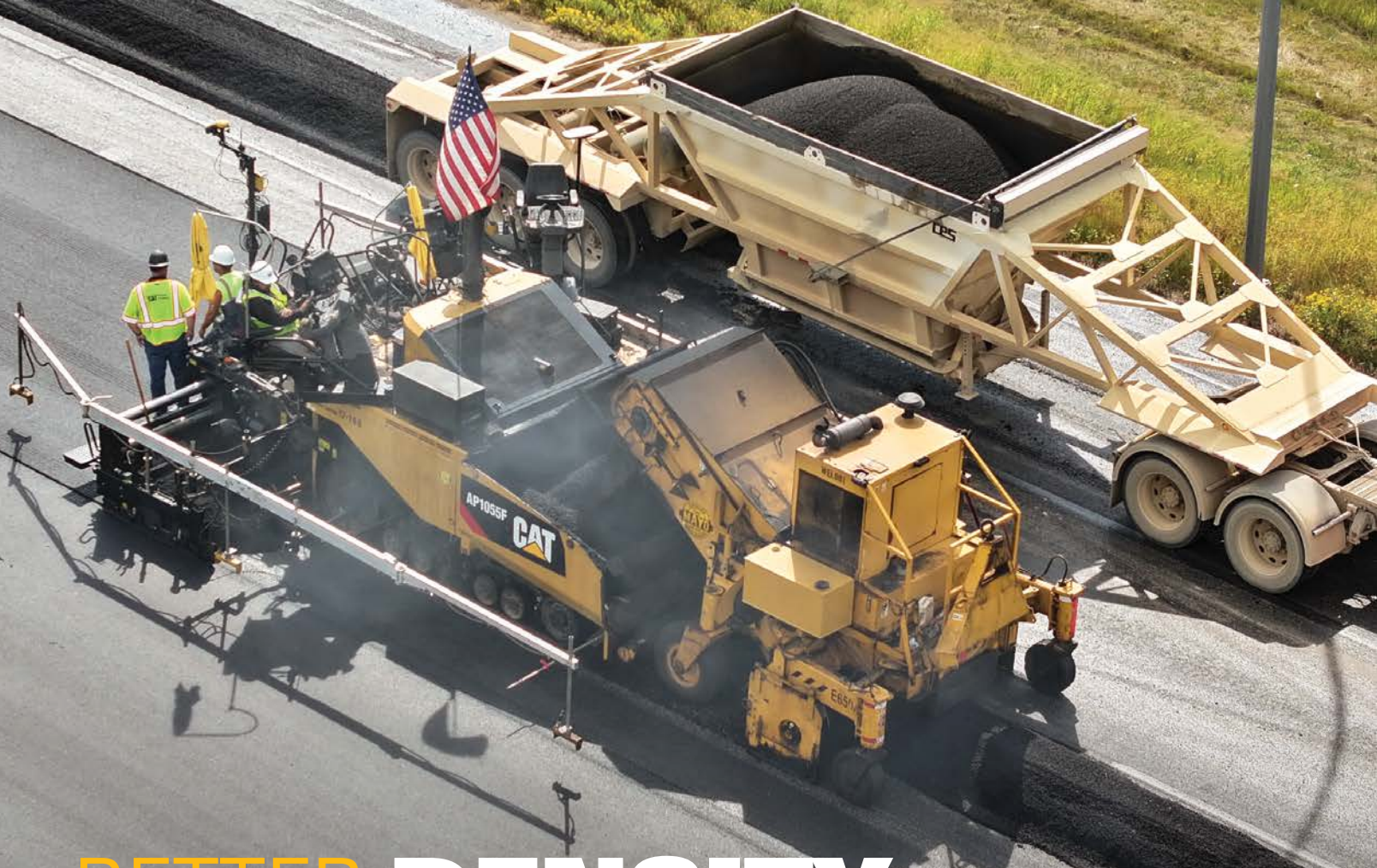


GOVERNMENTAL SOLUTIONS

FALL/WINTER 2025

A CATERPILLAR PUBLICATION SERVING GOVERNMENTAL AGENCIES



BETTER DENSITY BETTER SMOOTHNESS

CAT® SDX SCREED PLATES "A GAME-CHANGER"

NEW 440 & 450 BACKHOE LOADERS
NEXT GENERATION POWER AND PRECISION

CATERPILLAR®



140 LEVER MOTOR GRADER

NEW CAB, LOADS OF ADDED TECHNOLOGY

Available in 2026, the all-new 140 Lever Motor Grader features a new cab design and loads of added technology.

The 140 is also available in a joystick control configuration, which debuted at Bauma 2025 in Germany. The upgraded shifter uses a forward-neutral-reverse selector in a shift-up or shift-down format, rather than a U-pattern to access reverse gears, for more effortless directional changes. Transmission speeds are increased from eight to nine, giving operators an additional slower gear to reduce the use of the inching pedal.

"We've added another gear that's about three quarters the speed of the normal first gear, and that allows operators to maneuver around obstacles without being on and off the inching pedal all day long, making it a little easier to work in tight spaces," said Eric Kohout, Caterpillar motor grader product application specialist.

Improved Visibility from the New Cab

The 140 features the same next-generation cab design as the Cat® 120 Motor Grader, with improved visibility, upgraded operator comfort features and easier controls.

"Versatility in operation has always been a Caterpillar strength, and the 140 Motor Grader has been a classic demonstration of that virtue," said Pablo dos Santos, a Caterpillar global product application specialist.

The C pillars have been relocated from the back corners

of the cab to behind the operator for improved visibility. Windows are large and equipped with wipers for clear views, no matter the weather.

The brushless HVAC system has been relocated to the top of the cab for quiet operation and improved airflow.

A new seat takes advantage of the cab's added foot space and hip room, providing a wider range of adjustments, improving operator comfort and reducing fatigue. The 140 also features revised seatbelt and safety harness options.

"Over the years, customers have shown that the 140's usefulness and flexibility have few limits," dos Santos said. "Its frame lends itself to easy transportation, and operators appreciate its power and performance in everything from grading to snow clearing operations, in addition to its everyday use in roadbuilding and ditching.

Dos Santos says the machine's versatility—which has made it very popular with governmental agencies as well as rental fleets—will be enhanced by moving to the next generation platform.

An operator presence monitor keeps the parking brake engaged and hydraulic implements disabled until the operator is seated and the machine is ready to work.

To learn more about the all-new 140 Lever Motor Grader, contact our dealership. 📞

GOVERNMENTAL SOLUTIONS

FALL/WINTER 2025

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CAT.COM/GOVERNMENTAL

Includes complete specifications for all machines. Learn more online.



TRANSFORMING FLEET MANAGEMENT

VISIONLINK™: THE KEY TO WORKING SMARTER, FASTER, AND MORE EFFICIENTLY

In construction, time is money. Delays ripple across schedules, costs rise with every idle hour, and even small inefficiencies can snowball into major setbacks. For and equipment users like BDZ Construction, a full-service site and utility contracting company based in Bothell, Washington, managing equipment effectively isn't just a nice-to-have—it's a lifeline.

That's why BDZ turned to Cat® VisionLink™, Caterpillar's telematics and fleet management solution. More than just a data tool, VisionLink connects machines, people, and processes in ways that make the entire operation smarter, faster, and more efficient.

From BDZ's on-the-ground equipment managers and extending to their relationship with Cat dealer NC Machinery, VisionLink has become a catalyst for changing how work gets done.

Founded in 1989, BDZ Construction has grown into a trusted name across the Puget Sound region. The family-owned firm has completed hundreds of governmental, residential and commercial projects ranging in size and complexity. Their expertise spans site development, grading, paving, drainage installation, erosion control, and more.

What makes BDZ unique isn't just its technical skills—it's the company's ability to work hand-in-hand with wide-ranging clients.

"We believe construction companies are hired with one goal in mind: to get projects done to exact specifications, on budget and on time," the company states. And with decades of experience, BDZ management knows that reliable equipment is the cornerstone of delivering on that promise.

Like many equipment owners, BDZ faced challenges in managing its diverse fleet. Their equipment roster ranges from heavy Cat machinery, to portable generators, Kenworth trucks, and other brands of equipment. Keeping track of hours, services, and repairs across such a mixed fleet wasn't easy. That's where VisionLink came in.

Real-time insights

For Colin Graham, Equipment Manager at BDZ Construction, VisionLink is nothing short of a game-changer.

"Prior to VisionLink, we were writing everything down with pen and paper and going out into the field to try and capture hours, talking to the guys about any machine issues," Graham recalled.

"Now, that information is just a click away. Pull a report, fault codes come straight to my phone. Preventive maintenance is more on track because we have a clear view based on how many hours between the last service and the next service."

“Prior to VisionLink, we were writing everything down with pen and paper and going out into the field to try and capture hours, talking to the guys about any machine issues. Now, that information is just a click away.”

— COLIN GRAHAM
Equipment Manager
BDZ Construction



The shift from manual processes to digital automation freed BDZ's team from endless paperwork and guesswork. Preventive maintenance schedules became proactive instead of reactive, reducing costly breakdowns and downtime.

“Fluid sample reports are right there, rather than in a file cabinet,” Graham adds. “You can see all your Customer Value Agreements you have with the dealership, and the warranty history.”

For Graham, the benefits extend well beyond convenience. “We use VisionLink for everything from preventive maintenance tracking to utilization, overseeing asset operations for previous days, weeks, months. We set up geo-fences to track different projects, fault codes, and keep track of all our fluid samples. We use it for pretty much everything.”

Designed for mixed fleets

One of the prime features of VisionLink is its ability to manage mixed fleets—a reality for equipment users like BDZ who use more than just Cat equipment.

“We track everything from small generators, to Kenworth trucks,

and our heavy equipment,” Graham explains. “Simply connect three wires and you're up and running.”

Amanda Serrano, Senior Digital Product Specialist for Cat VisionLink, emphasizes this flexibility: “We understand that our customers don't just generally utilize Cat equipment, but what VisionLink provides is the ability to track all of their equipment and have a one-stop shop for their solution to managing mixed fleets. Better uptime, better productivity—all these things.”

NC Machinery plays a critical role in making VisionLink work for customers. Their technicians and analysts see firsthand how telematics can improve operations and save money.

“It's helped immensely on just being able to track machines, locations, number of services,” said Scott Simpson, Condition Monitoring Analyst at NC Machinery. “Every other week we're getting a request to track a machine that's been stolen. That's been a huge help for our customers.”

For Stan Galen, a Branch Manager at NC Machinery, the biggest benefits show up in the service department. “We can look up fault codes, and it's a money-saving issue

for customers,” Galen explains.

“By diagnosing issues remotely, technicians can arrive at a jobsite already equipped with the right parts and tools—eliminating wasted trips and costly delays.”

Before VisionLink, field service was far less efficient.

“Previously, we'd go to the jobsite, connect to a machine, and figure out what's going on,” said NC Machinery Field Technician Kyle Abelson. “Then come back to the dealership to get parts, and go back to the machine.” Now, much of that troubleshooting happens digitally before technicians leave the dealership.”

A scalable solution

VisionLink is designed to scale from small customers with just a few machines to massive operations with hundreds of assets.

“It's very flexible; VisionLink is good for small customers with one or two machines up to large customers,” Serrano says. “There's a lot of built-in diagnostic capability before dispatching technicians and parts.”

For smaller operators, NC Machinery helps automate much of the process.

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"If they're a smaller customer and they're running their own machine, we'll get them set up on the automated networks to where they don't really need to go into VisionLink," Simpson said. "If there is an issue with a machine, they'll get an email or text message. If it's a larger customer, most of the day they'll be looking at their machine locations, fuel consumption, and things like that."

The system also supports monitoring idle time, notifying machine owners of maintenance needs, and managing fleets regardless of brand: "They can keep track of all of their equipment, regardless if it's a Cat machine or not," Abelson says.

Making technology simple

One of the recurring themes in both customer and dealer feedback is just how intuitive VisionLink is.

"VisionLink is really easy to understand, really easy to access," Graham noted. "Every part of it is easy to work with. I use the mobile app for more basic information—checking fault codes, checking hours, looking up machine locations. You can just click on the address, and it'll give you GPS directions for driving there."

Simpson agrees: "We advise customers who may not be familiar with VisionLink to just access it and click on its many capabilities—play with it. It's pretty intuitive."

That simplicity is key to adoption. Customers are busy, often stretched thin across multiple jobsites. The less time they spend wrestling with software, the more time they can dedicate to getting work done.

A tool that keeps improving

With more than 1.5 million connected assets and continuous input from both machine owners and dealers, Caterpillar continues improving VisionLink.

Integration with tools like **Parts.Cat.com** makes parts ordering seamless.

"We already integrate today with our **Parts.Cat.com** application to facilitate ease of purchase," Serrano says. "That feeds into preventive maintenance, where we provide the list of parts that are required in VisionLink. They are imported into the cart, and all the customer has to do is click purchase, and they've got what they need to go on with their day."

For BDZ Construction and NC Machinery, these ongoing improvements mean the platform continues to deliver value. As Serrano put it: "We are helping our customers do their jobs more efficiently. We are helping dealers communicate with customers more efficiently, and it's a privilege to make that happen every day."

Proven results

At the end of the day, VisionLink isn't about flashy technology. It's about real-world impact: recovering stolen machines, cutting fuel costs, reducing downtime, and simplifying everyday tasks. For BDZ Construction, it means less paperwork and more productivity. For NC Machinery, it means better service, eliminating wasted trips, and happier customers.

And for Caterpillar, it's proof that when technology is built around customer needs, it doesn't just add useful data—it adds better value.

"Think about the ways that we can automate things that may seem overwhelming from a pen-to-paper perspective," Serrano advises. "We're helping customers do their jobs more efficiently."

Where every hour counts, that efficiency isn't just nice—it's essential. And for BDZ Construction and NC Machinery, VisionLink has become an indispensable part of building the future. 🚧

HOW AGENCIES ARE **MANAGING ENTIRE FLEETS**

VisionLink™ is a cloud-based software application that takes the guesswork out of fleet management—with key insights that maximize performance—regardless of fleet size or equipment manufacturer. Receive equipment data seamlessly to your desktop or mobile device, all from a convenient centralized solution to make informed decisions at every turn.

For counties, townships and state highway departments, Cat® VisionLink helps public works fleet managers cut downtime, control costs, and improve accountability by giving supervisors real-time visibility into location, hours, maintenance status, and machine health across mixed fleets—features that many agencies explicitly procure and utilize today.

Lincoln County, North Carolina highlights that stability-assist events are reported through VisionLink, increasing awareness of machine history for safety oversight. The county also notes VisionLink's remote troubleshooting

capabilities when evaluating new equipment purchases.

In Harrison County, Texas, commissioners approved a VisionLink subscription agreement with Warren Cat—documenting how a county funds and relies on the technology for ongoing fleet management.

Washington State's Department of Enterprise Services contracts specify "VisionLink Basic" for governmental buyers, detailing core asset-management functions like hour and location monitoring, geofencing, and maintenance scheduling.

And transportation research used by various state departments of transportation (DOTs) has leveraged VisionLink modules on intelligent compaction projects, underscoring its role in quality control and construction verification for public infrastructure.

For more information about these new technology upgrades and their value for governmental agencies, contact the application experts at our dealership.





Cat® Rental Telehandlers

ALL-NEW CAT® TELEHANDLERS

Completely redesigned around your needs, all-new Cat® Telehandlers are focused on safety and ease of operation, with extended service intervals, so they're ready to work when you are.

A telescopic handler is an ideal machine for performing material handling tasks at heights. The Cat Rental Store has a wide selection of telehandler rentals from our dealership for applications such as transporting heavy loads, exterior building maintenance and tree surgery.

Cat telehandler rentals provide the ideal combination of power, performance, efficiency and ease of use you've come to expect from the worldwide leader.

Experience the Advantages

Caterpillar applies an unwavering commitment to excellence when designing and manufacturing the various telehandler rentals you'll find at The Cat Rental Store's convenient locations. You'll always get a well-maintained, thoroughly inspected machine you can count on to perform flawlessly in your most demanding lifting, loading and material handling tasks.

Many of our Cat telehandler rentals are low-hour machines equipped with innovative features that make you more productive and efficient on your jobsites. Models are available

in a wide range of lift and reach capacities, enabling you to choose the right size for your applications. You'll find the best machine for performing exterior building maintenance, lifting palletized loads, or conducting project cleanup duties.

A rental telehandler from The Cat Rental Store provides:

- Superior stability and advanced hydraulics for efficiently powerful performance on all types of terrain and ground conditions.
- Spacious, comfortable cabs with easy-to-operate controls and exceptional all-around visibility.
- Durable construction that ensures reliable performance during short- and long-term rental use.
- Versatility enables you to use the machine in on-road and off-road applications.
- Capable of lifting heavy loads weighing up to 11,000 pounds.
- Compatibility with numerous work tool attachments like buckets and winches to enhance the machine's functionality.

To receive a quick quote about renting a Cat telehandler, contact our dealership or call The Cat Rental Store at 1-800-RENT-CAT. 📞



NEW DEAL

BUILDING DAMS, AND THE RISE OF HEAVY EQUIPMENT

In the 1930s, as the United States reeled from the Great Depression, the federal government embarked on bold public works programs to stimulate the economy, modernize infrastructure, and harness natural resources.

Among the most ambitious of these undertakings were large dam and water-management projects: hydroelectric power, flood control, irrigation, and navigation improvements became central to the era's vision of progress through infrastructure.

The heavy involvement of Cat® equipment in western dam construction projects gave the brand deep roots in how America built itself in the 20th century.

During that decade, 92 percent of the track-type tractors on the largest construction jobs in the U.S. were Cat machines. In 1935 alone, more than 350 Cat track-type tractors were deployed on major works. Four iconic dam projects stand out in that era: Hoover Dam, Grand Coulee Dam, Fort Peck Dam, and Bonneville Dam—all built between the late 1920s and early 1940s—with Cat machines at work in critical earthmoving, pipe hauling, and excavation tasks.

One telling detail: twelve of the Caterpillar model Sixty track-type tractors were assigned to the Hoover Dam project, hauling huge sections of pipe, removing overburden, and supporting diversion tunneling work that rerouted the Colorado River to bypass the dam site during construction.

Beyond Hoover, Cat machines worked on Grand Coulee and Fort Peck dams—projects under direct federal oversight or subsidy, central to New Deal ambitions of electrification, reclamation, and rural development.

Public works, power, and legacy

The dams served not only to generate electricity for growing cities, but to control flood risks, regulate river flows, open navigation routes, support irrigation, and stimulate regional economies.

The Hoover Dam was initially a federal project (under the Bureau of Reclamation) built on the Colorado River beginning in 1931, with a goal to provide power, water regulation, flood control, and hydroelectric supply for southwestern states. Within that project, the involvement of Cat equipment was not incidental: contractors chose the machines for their durability, reliability, and relatively lower operating costs.

Grand Coulee Dam (1933–1942) on the Columbia River was a hallmark of federal ambition—massive in scale, with concrete volumes and machinery needs beyond anything local entities could manage alone. Cat machines played roles in site preparation and earthmoving for that colossal infrastructure undertaking.

Because these dams were funded, overseen, or strongly subsidized by the federal government, Caterpillar's machines effectively became agents of public policy—tools by which a national vision of modernization could be built in remote and rugged terrain.

For federal engineers and contractors, reliability, maintainability, and equipment life were key; Caterpillar's reputation for robust undercarriages, parts availability, and field service helped cement its place in these ventures.

These dam projects represent a pivotal era: Cat machines didn't just move dirt—they moved policies, shaped regions, generated power, and enabled new communities to prosper. 🏗️



BETTER DENSITY BETTER SMOOTHNESS

CAT® SDX SCREED PLATES “A GAME-CHANGER”

During North Dakota’s short paving season—where every day counts and every ton of asphalt mix laid down matters—Mayo Construction has found an edge that’s positively impacting highway compaction density and smoothness.

Headquartered in Cavalier, N.D., the 100-year-old, employee-owned company has been paving the state’s highways, county roads, and city streets for generations. But in over two years’ time, a new technology—the Cat® SDX Screed Plate System—has elevated the company’s performance by improving compaction densities and smoothness, across and down the mat.

Mayo Construction recovered the cost of the switchover in less than one season of doing it, just based on project bonus and incentives, says company President Trevor Christianson. That’s no small feat in a region where the paving window averages only 23 weeks a year.

“We’re taking raw materials and producing a finished product every day,” Christianson says. “At the end of the day, people are driving on something we built—and that’s something to be proud of.”

“Downtime is critical to us,” Christianson says. “We’ve got to get our work done efficiently, and that means keeping equipment running, hitting target compaction densities quickly, and minimizing rework.”

SDX delivers greater density

Enter the Cat SDX Screed Plate System—a game-changer that’s designed to increase mat densities, delivering higher efficiency, and cause fewer headaches.

The Cat SDX screed plate design consists of a three-dimensional angular surface on the front of the plates with a tapering smooth surface near the back. A kneading action occurs when the plates manipulate the mix as it passes through the angular channels. This unique innovation is designed to enhance the structural integrity of the asphalt, lessen compactor shoving, strengthen unconfined edges, and promote better surface temperature uniformity.

Mayo Construction began running SDX screed plates on one paver in 2023, quickly added a second set of SDX plates in 2024, and hasn’t looked back.

“We’ve run about 600,000 tons of hot mix through our SDX plates,” says Operations Manager Bobby Cournoyer. “Visually, the mat looks denser and tighter. You can walk behind the paver and hardly leave a footprint.”

That density translates directly to performance in the field. The North Dakota Department of Transportation (NDDOT) pays incentives for compaction above spec and deducts for underperformance.

“We’re seeing roughly one-and-a-half to two percent higher compaction densities with the SDX plates,” Christianson says.

"We didn't have a single project during 2024 or 2025 where we were penalized for low compaction density—that's unheard of," Christianson adds.

That level of consistency builds confidence—not just in Mayo's crews, but in their bids. "SDX changes how competitive we can be. Add in savings from reduced downtime, fewer rollers, and longer plate life, and the benefits compound for our customers."

Perhaps the greatest benefit of the SDX Screed is increased confidence. "When we bid now, we know we'll hit target densities and we know we'll stay on schedule. That enables us to be more competitive, which benefits the road owners," Christianson says.

Real-world results

Mayo's first full season running SDX-equipped pavers last year on both mainline crews included a high-profile job on Highway 23 between Minot and Newtown—a 100,000-ton paving project with heavy oilfield traffic and multiple passing lanes.

"With two SDX pavers running side by side, we were able to keep production steady all day," Christianson said. "Less stoppages, fewer cold joints, better rideability—it all came together. The production at the end of the day was far greater than we ever anticipated."

The job required consistent density across wide, multi-lane sections.

"It's just nice and steady," Christianson says. "When you're running two pavers in echelon, you need more rollers to compact that mat all the way across. Imagine that now instead of compacting a 14-, 15- to 20-foot wide mat, you're compacting a 30- to 40-foot wide mat at the

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“We’re seeing roughly one-and-a-half to two percent higher compaction with the SDX plates. SDX changes how competitive we can be. Add in savings from reduced downtime, fewer rollers, and longer plate life, and the benefits compound for our customers.”



– TREVOR CHRISTIANSON
President
Mayo Construction



same speed, and you're trying to maintain that same speed. With the SDX plates, it enables us to achieve target densities without having to fight to keep up."

Adds Cournoyer: "We used to run three double-steel rollers and a pneumatic. Now we're down to two double-steels and one pneumatic. The plates are adding compaction right behind the paver, so we can keep up utilizing less equipment."

That's not just better performance—it translates to real fuel, labor, and maintenance savings every day the crew is on the job.

In North Dakota, weather dictates everything. Early spring still has frost in the ground, late fall brings freezing temps sooner, and the wind can sometimes drop mat temperatures by 30 degrees in minutes.

"You can't start paving until it's 35 or 40 degrees," Christianson said. "Sometimes that's not until noon, and it's dark by 5:30. That's only five hours of daylight."

But with the SDX screed, Mayo can start earlier and finish later—because the mat holds temperature better and compacts faster. "You can get on it sooner, compact it quicker, and move on," Christianson says. "That's critical in the fall when every hour counts."

Achieving target compaction density sooner means fewer cold joints, smoother transitions, and longer-lasting pavements. On intelligent compaction jobs—where sensors measure density in real time—Mayo saw less segregation and more uniform density readings across the entire mat.

"SDX is giving us better results before the rollers even touch it," Christianson says.

Like any new technology, the SDX plates required a brief adjustment period.

"It took our crew about two weeks to get the hang of it," Cournoyer says. "The biggest difference was the takeoff—you don't have to use starting lath, but you have to know how to lift off right."

At first, some of the older operators were hesitant. "We have a mix of younger and older people," Cournoyer says. "The younger ones were eager to learn it. The older ones were skeptical—but once they saw the difference in the mat, they were sold."

Christianson adds: "We want to be the first to test and apply new technologies. We added 56 new employees last year, and technology like this helps them succeed. It's giving them the tools to do quality work, even if they're new to asphalt paving."

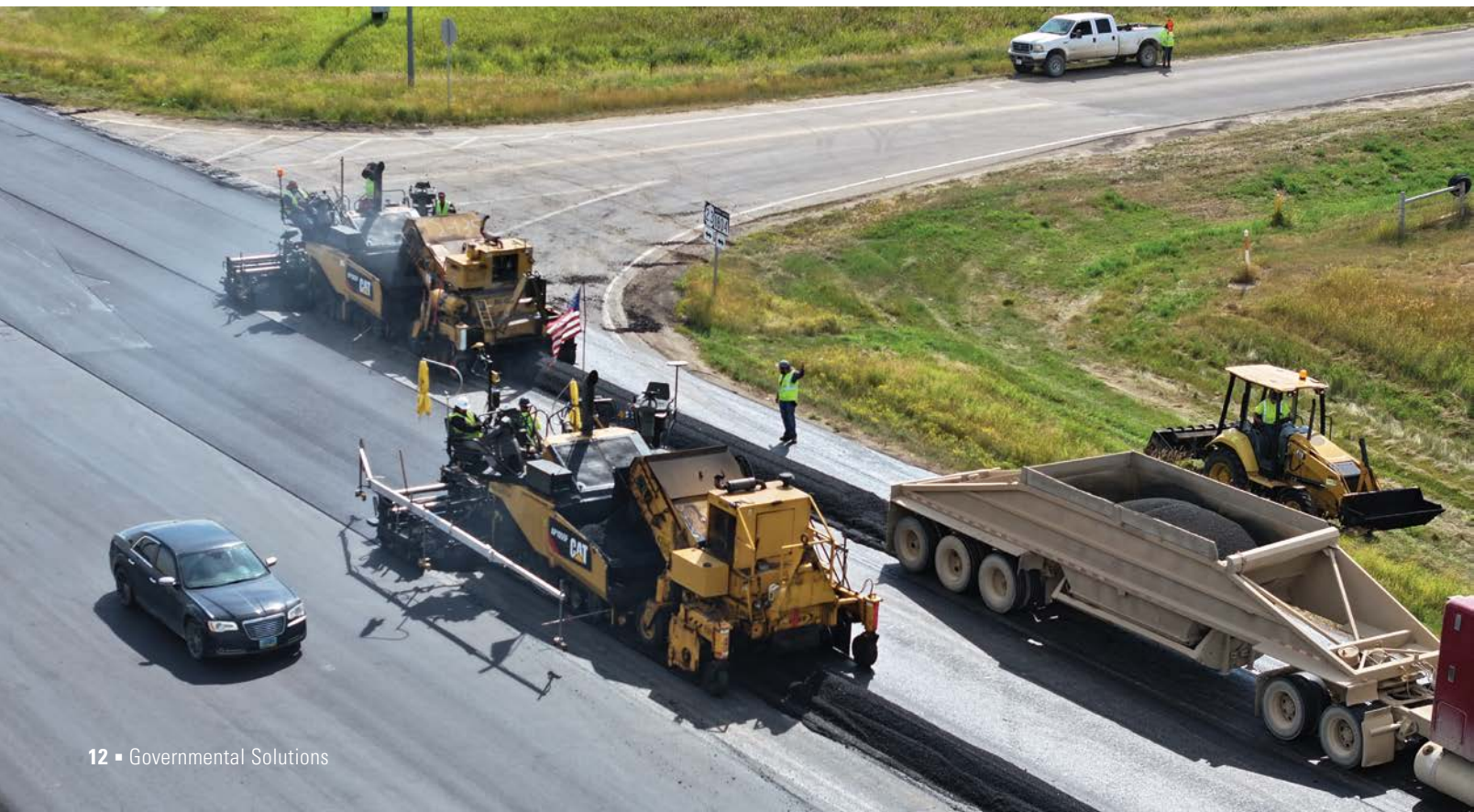
Less downtime, better quality

In a 23-week season, losing even a day to downtime can be costly. "We're moving portable asphalt plants across the state all summer," Christianson said. "If you lose a day swapping out a screed plate, that's lost production."

The SDX system's modular-panel design minimizes that risk. "If you have to replace a panel, it's a quick fix—you're back running the same day," Christianson says. "Before, replacing a plate could shut us down for a day or more."

The plates themselves also last longer. "We used to replace standard screed plates two or three times each season," he says. "The SDX plates are lasting significantly longer, which saves both time and money."

Cournoyer adds that interchangeability is another





advantage. “Caterpillar has developed smooth SDX plates that can be swapped with the original angular SDX plates,” he says. “That’s perfect for us—run original SDX plates on highways; switch to smooth for city streets, and get the best of both worlds.”

For Mayo Construction, it’s not just about speed and efficiency—it’s also about the company’s reputation.

“The SDX plates add compaction to the mat, which adds longevity to the road,” Cournoyer says. “When we make a good product that lasts longer, our customers notice. It builds our name and enhances our quality reputation.”

Christianson says quality and production are the two things the company is judged on, “and the SDX plates give us both.” That quality also helps Mayo meet strict rideability and density specs—without grinding or rework.

“We saw very little rework on our SDX jobs,” Christianson says. “And that’s huge. You can never do it faster, better, or cheaper the second time.”

As with any innovation, not everyone in the industry immediately understood the benefits, but came around quickly once they saw the results.

“The state is 100% on board,” Christianson said. “The DOT loves it—they’re seeing better compaction, better smoothness.”

That’s where Mayo’s partnership with Caterpillar and Butler Machinery comes in. “We’re sharing the data with them,” Christianson said. “Once they see the results, they’re convinced. The proof is in the density and ride numbers.”

Butler Machinery: “Top-of-the-line service”

Behind every successful contractor is a dealer that stands behind them. For Mayo Construction, that

partner is Butler Machinery, their Cat dealer for more than two decades.

“They’re top of the line when it comes to equipment, parts, service, and training,” Cournoyer said. “They’ve come out on site, shown us how to install the new technology, and even call us to check in.”

Christianson goes further: “Our relationship with Butler is critical. They’re part of why we’ve been in business for over 100 years. When you’re paving in a place like North Dakota, you can’t afford to wait for parts and experienced service technicians. And the Butler team is always there for us.”

That trust made the decision to adopt the SDX Screed Plate System much easier.

“We trusted Butler and Caterpillar to make it happen,” Christianson says. “We were part of the process from the ground up. They did the screed plate retrofit at their Grand Forks shop, and our guys were there learning firsthand with Butler.”

A culture of innovation

At the end of the day, what sets Mayo Construction apart is a willingness to evolve. From embracing new paver technology to mentoring the next generation of operators, the company continues to adapt.

“When our crews can see the difference new technology makes, they buy into it,” Cournoyer says. “It brings everyone together.”

With the type of results we’re achieving with the new SDX screed plates, it’s no wonder Mayo plans to standardize on the SDX across its paving fleet.

“This is the future of our mainline paving,” Christianson says. “It makes sense from every angle—performance, production, and efficiency.”



NEW 440 & 450 BACKHOE LOADERS

NEXT GENERATION POWER AND PRECISION

Caterpillar continues to elevate the standard for backhoe loaders with the phased launch of next-generation Cat® 440-07C and 450-07C models. Built on a foundation of proven performance, these new machines deliver smarter technology, greater operator choice, and more refined control—setting a new benchmark for productivity and ease of operation.

At the heart of both models is the efficient Cat C3.6L engine. The 440 model benefits from a notable power increase, jumping from 116 to 127 gross horsepower, while the 450 maintains its formidable 143 hp. This ensures operators can take on demanding tasks with confidence, precision and reliability.

Connectivity and fleet management also take a step forward with the upgraded Product Link™ PLE643 system, which now includes an integrated Network Manager. This enhancement enables improved data flow, giving fleet managers greater visibility and control over machine performance.

The user experience has been transformed with advanced display

technology. Canopy configurations now feature the intuitive Cat Soft Key display, while cab versions receive the enhanced Cat Touchscreen display powered by the Cat 3.0 interface. Operators gain access to new tools such as a dedicated operator coaching QR code, more responsive control settings, and an integrated speedometer—all designed to increase productivity and reduce downtime.

The new touchscreen expands customization with advanced modulation and response options for both the loader and hoe ends. Operators can fine-tune settings for individual hydraulic functions such as Lift, Tilt, Swing, Boom, Stick, and Bucket. Additionally, a new Material Handling Mode optimizes performance for precise, efficient loading, which gives operators tailored control of every movement.

Broadened operator choice with a new pod-mounted joystick option provides a familiar control tower setup, while maintaining advanced electronic functionality.

Seat-mounted joystick controls carried over from earlier generations enables operators to select their preferred interface.

Reliability and maintenance support have also undergone significant upgrades. The new In-Vehicle Health Monitoring (Lite) system tracks service intervals, issues alerts, and enables operators to confirm maintenance tasks directly on the touchscreen, ensuring equipment stays in peak operating condition.

With increased horsepower, smarter displays, customizable controls, and enhanced connectivity, the Cat 440-07C and 450-07C embody Caterpillar's commitment to continuous innovation. These backhoe loaders not only meet the challenges of today's jobsites, but also empower operators with the tools they need to work smarter, faster, and more efficiently.

The new 440 and 450 Backhoe Loaders will be available in 2026. To learn more, contact our dealership. 📞

INSTRUCTOR-LED OPERATOR TRAINING

UNLOCK THE FULL POTENTIAL OF YOUR CAT® EQUIPMENT

Even the most advanced machine is only as productive as the person operating it. That's why investing in skilled, confident operators is one of the smartest moves you can make for your agency. With hands-on, in-the-iron Cat® Operator Training, your team members gain more than just instruction—they gain the knowledge and hands-on experience to operate Cat equipment with greater precision, safety, and efficiency.

- Our instructor-led training combines classroom learning with real-world, in-the-iron practice to help your operators:
- Maximize productivity by mastering machine capabilities and operating techniques
- Operate safely and confidently, reducing the risk of accidents and downtime
- Minimize wear and tear, extending equipment life and lowering maintenance costs
- Boost your agency's bottom line through more efficient, cost-effective operation

Build the skills needed to operate heavy equipment safely, efficiently, and productively with a comprehensive suite of training solutions. Whether operators are new to the field or looking to enhance their skills, a variety of flexible learning options are available to help your agency be more productive.

Access a free video library, self-paced online eLearning, detailed machine walkarounds, realistic simulator training, and hands-on instruction from experienced



professionals—all designed to help your team members perform at their best.

If you're ready to elevate your team's performance and protect your investment, complete the form below to learn more about instructor-led training.

- To learn more about eLearning or walkarounds, please contact our dealership.
- For general operator training inquiries, email Equipment_Training_Solutions@cat.com.
- To explore all operator training options, visit www.catoperatortraining.com.

If you have additional questions about scheduling training, contact our dealership. ☎

YOU CAN SEE

MORE ACCURACY
& EFFICIENCY

YOU CAN'T SEE

INTEGRATED
HARDWARE &
SOFTWARE

YOU CAN SEE

BETTER BLADE &
BUCKET CONTROL

YOU CAN'T SEE

COMPATIBLE
TECHNOLOGY

FACTORY INTEGRATED CAT® GRADE 3D. IT'S WHAT YOU CAN'T SEE THAT MAKES THE DIFFERENCE.

When you buy a Cat® machine with factory-integrated CAT GRADE 3D, you'll clearly see how it can help your operators get to design plan faster, with improved accuracy and efficiency thanks to features like automated blade and bucket control.

But there's also a lot that you can't see that can make a big difference:

- The technology is specifically designed for a **seamless fit**.
- It's **automatically compatible** with other technology.
- The hardware is **fully integrated** within the machine.

To find out more visit cat.com or contact your local Cat dealer.