FORWARD TOGETHER AT 70.
CEO MESSAGE
FORWARD TOGETHER AT 70.

1947–1959
BUILDING A LEGACY.

1960–1969
NEW OPPORTUNITIES.

1970–1979
WINNING CONTRACTS.

1980–1989
FOCUSING ON SAFETY.

1990–1999
CREATING MORE OPPORTUNITIES.

2000–2009
FORMING RELATIONSHIPS.

2010–2017
BUILDING SUSTAINABLY.

FORWARD. TOGETHER.
MORE MILESTONES TO COME.
I want to thank each and every one of you—our employees, clients, partners, and communities—for being a part of Ledcor’s incredible history.

This is the 70th anniversary of Ledcor. **Forward Together** is about looking ahead while celebrating our past. An anniversary as significant as 70 years is the perfect opportunity to take a step back and appreciate all the accomplishments that have led us here.

While the total number of projects and milestones we have reached over the past 70 years is impressive on its own, when I look back it is the diverse nature of our service offerings that has truly made Ledcor the modern and successful company it is today.

In this commemorative issue of The Globe, we highlight the diversity of Ledcor, our services, our projects, our people.

We should never forget that our successes could never have been achieved if it wasn’t for the trust our clients place in us and our own commitment to safety, diversity, and innovation.

Here’s to the next 70.

Sincerely,

Dave Lede
DIVERSITY IS THE DIFFERENCE.

If the past 70 years have taught us anything, it’s that our diversity makes us stronger.

Diversity in our people. Our projects. Our divisions.

By welcoming new points of view, new partners, new clients in new communities, we thrive.

Diversity and diversification have fueled our growth over seven impressive decades. They are our core advantage in an ultra-competitive marketplace.

Embracing change has helped us evolve—and it will help sustain our momentum as we move forward together in the decades to come.
70 YEARS.
70 MILESTONES THAT HAVE MADE LEDCOR.
SEEKING NEW MARKETS AND INDUSTRIES.

The foundations of Ledcor were laid in Leduc, Alberta when Bill Lede bought a used 127-horsepower bulldozer with the goal of picking up contracts with local coal companies. Bill’s vision of building a business began to take shape. Leduc Construction was soon incorporated, and the company made a name for itself for reliability, integrity, and the ability to get tough jobs done well.
THE BEGINNING.

GETTING TO WORK AT BLACK NUGGET COAL MINE.

This is where it all started. Bill Lede secured a contract to remove overburden at the Black Nugget coal mine— for 19 cents per cubic yard. The reconditioned HD14 bulldozer that rolled onto the job site proudly displayed a name that would stand for quality and integrity for decades: Leduc Construction.
1947

**LEDUC NO. 1**
LEDUCE, AB / IMPERIAL OIL

The newly incorporated Leduc Construction secured this historic project to prepare the access road and well site for what became a famous oil discovery. Leduc No. 1 was the start of a partnership with our first lifetime client, Imperial Oil.

**HIGHLIGHT**
The well kept pumping for 27 years, producing 317,000 barrels of oil and 9 million cubic metres of natural gas.

1948

**ALBERTA RURAL ELECTRIFICATION**
ALBERTA / GOVERNMENT OF ALBERTA

The Government of Alberta initiated a program to bring electricity to thousands of farms. Bill designed an auger that fit on the back of an International Harvester Crawler, which would ultimately dig thousands of holes for power poles.

**HIGHLIGHT**
First major project as an incorporated company.
BONNIE GLEN OIL FIELD
PIGEON LAKE, AB / TEXACO

Texaco moved its rigs onto a claim southwest of Leduc and hit oil near Pigeon Lake—a significant strike of 240 barrels a day. This project solidified our relationship with Texaco—and our reputation in the industry. We took on several jobs clearing sites and cutting roads to the wells.

PEMBINA OIL FIELD
CYNTHIA, AB / SOCONY OIL (LATER MOBIL)

The Pembina Oil Field was considered the largest oil pool in Canada, and possibly North America, with wells producing 285 barrels a day. Drilling started in late February 1953, and Leduc Construction was there. Our construction crew of 50 surveyed leases and provided road access to potential well sites throughout the area.

WILLISTON OIL BASIN
MIDALE, SK / TEXACO

Leduc Construction had enough manpower and experience to test out new business ventures, so we rounded up a crew and machinery and headed to Williston, Saskatchewan to make inroads in the emerging oil market.

HIGHLIGHT
First project outside Alberta
NEW OPPORTUNITIES.

The 1960s was a decade of major growth throughout North America. In Canada, significant national projects were launched including the Trans-Canada Highway. The Government of Alberta was eager to upgrade the infrastructure, making it an ideal match for Bill’s vision of diversifying to make the business stronger. Before the ’60s were through, we were building highways, dams, and much more.
**1960**

**PUBLIC HIGHWAY**

**EDMONTON, AB / GOVERNMENT OF ALBERTA**

Looking to diversify the company further, the directors saw the perfect opportunity when the provincial government decided to twin a 32-kilometre stretch of highway west of Edmonton.

**HIGHLIGHTS**

• *First public highway project*

• *First joint-venture partnership*

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**1965**

**NIPISI ROAD**

**NORTHERN ALBERTA / SHELL CANADA**

Our first job with Shell, and the start of a lifetime partnership. We built an all-weather resource road through 90 kilometres of muskeg and forest, moving over 1 million cubic metres of earth from Red Earth to Slave Lake.

**HIGHLIGHTS**

• *First project with Shell Canada*

• *Moved over 1 million cubic metres of earth*

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**1969**

**SWAN HILLS DAM**

**ALBERTA / HOME OIL**

Our first dam, and another strategic step toward diversification. We moved 600,000 cubic metres of earth to build this dam for Home Oil. It was followed soon after by the Rainbow Lake dam for Mobil.

**HIGHLIGHT**

*First dam project*
HIGHWAY PROJECTS.

BUILDING ROADS AND HIGHWAYS ACROSS ALBERTA.

Through the 1960s, we continued to pursue sensible diversification and growth. We built ten major projects for Alberta’s Department of Highways in nine years, and by decade’s end our road-building expertise was firmly established. We were well on our way to being a diversified company.
WINNING
CONTRACTS.

CEMENTING OUR REPUTATION AS A FULL-SERVICE COMPANY.

Throughout the 1970s, Leduc Construction continued to win public and private sector contracts, completing an average of one highway project per year. As North America’s resource sector grew, we evolved alongside it, building our first pipeline and further diversifying our work. Clients and partners came to know us as a full-service company, capable of consistent quality and safety in everything we did.
LAUNCHING OUR PIPELINE DIVISION.

OUR OIL & GAS DIVISION’S FIRST PIPELINE PROJECT, AT SLAVE LAKE.

A milestone in our drive toward diversity, our first ever pipeline project was for Amoco, which later became BP/Talisman, at Slave Lake in Alberta. It was the launch of our Oil & Gas pipeline division, and it meant we were busy year-round: road-building was done in spring and summer, and pipelines could be done in fall and winter. The team adapted their local road-building expertise to this new work, and learned how to weld pipe.
1974

We built this highway from Edmonton to Peace River—a rugged distance of almost 500 kilometres.

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1975

AMOCO PIPELINE
DRAYTON VALLEY, AB / AMOCO

Laying pipeline in the depths of Alberta winters brought challenges. Concern for worker safety took a new turn on these jobs as temperatures plunged well below -40 °C, at which point work generally stopped because of danger to the workers and damage to the equipment.

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WHITECOURT HIGHWAY
WHITECOURT, AB / GOVERNMENT OF ALBERTA

We built this highway from Edmonton to Peace River—a rugged distance of almost 500 kilometres.
EXPANDING INTO WASHINGTON
WASHINGTON, USA / WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

We secured infrastructure work in Washington state. We were diversifying by region as well as by industry.
Inspired by the momentum of our road-building group, the company purchased two portable asphalt paving plants: the first in 1978 and the second in 1980.

They weren’t cheap—$2 million apiece—and moving them from job to job wasn’t easy. It took about a week of work, a crane or two, up to eight workers, and 25 truckloads—at a total cost of about $100,000 per move. But the plants allowed the team to complete highway projects more efficiently, and put the company at the forefront of highway-building. We became the only operation that could offer gravel crushing, paving, and grading.
By now the company had amassed 150 earth-moving trucks and two mobile rock crushers—an impressive fleet. The Highway 2 project paved the way from Leduc to Nisku, a vital four-lane route that connected people and businesses in the region.

Our road-building team continued to make its mark on the province as we completed portions of Highway 40 west of Calgary. Our highway construction work was going full speed ahead.
FOCUSING ON SAFETY.

EXPANDING OUR VISION AND REBRANDING THE COMPANY.

The 1980s started with a tragedy—the death of founder Bill Lede on a job site. The months following the incident were difficult, but Bill had built a company with a strong reputation and solid business base. Bill’s two sons, Dave and Cliff Lede, took on new roles and the senior leadership team stayed with the company. Together, they helped drive the business forward, leading to a decade of steady, strategic growth, with new offices across Canada and a new company name to reflect expanding ambitions.
TRAGEDY ON HIGHWAY 37
ALBERTA

Leduc Construction was working on paving Highway 37 when tragedy struck. Bill was buried when a gravel wall collapsed. The incident inspired a renewed commitment to safety that continues to this day.
A NEW NAME.

LEDCOR IS BORN.

The directors felt strongly that the only way to keep the company growing was to continue to pursue work beyond Alberta. Oil and gas revenues were declining, which affected investment in road construction and other projects. We had built a solid reputation as one of the key players in Alberta’s oil patch, but we had little visibility outside that sector, and Dave, Cliff, and the director’s shared dream was to have Bill’s business expand into a national construction company. The first step to shifting the market’s perception of the company was to change the name to Ledcor, an abbreviation of Leduc Construction. The new name sent a message that the business Bill Lede and the directors had built was ready to expand.

Soon after we rebranded, an ideal opportunity arose: Grizzly Oil Fields. It was a 50-50 joint venture with an oil and gas company. The Grizzly-Ledcor partnership lasted until the 1990s, working together on multiple successful projects.
**1985**

**COQUIHALLA HIGHWAY**

**INTERIOR, BC**
BC MINISTRY OF TRANSPORTATION

Despite challenges that included stubborn, sloping terrain and 10 avalanches in 4 months, we finished our first phase of the Coquihalla six months ahead of schedule. Many more segments followed. The highway was one of our first projects in B.C., a western expansion under challenging circumstances that significantly bolstered business.

**HIGHLIGHT**
B.C. expansion

**1986**

**NICKEL PLATE GOLD MINE AND TAILINGS DAM**

**PENTICTON, BC / HOMESTAKE MINING**

We started with a relatively small site-grading job and later took on a tough one: building the tailings dam for the mine. It was the beginning of a strong relationship with Homestake Mining, leading to many more projects. They later merged with another client, Barrick Gold.

**HIGHLIGHT**
First major project as an incorporated company
ENTERING INTO TELECOM.

CONNECTING NORTHERN ONTARIO WITH FIBER OPTIC NETWORKS.

Shortly after opening our Toronto office, we continued to diversify with our first telecommunications project, installing fiber optic cable across Northern Ontario for Bell Canada. We developed and patented an innovative and cost-effective approach to laying cable four feet deep into the Canadian Shield, and were rewarded with five sizable contracts of up to 200 kilometres each.
1988

GOLDSMITH COMPLEX AND CORTEZ GOLD MINE
NEVADA / BARRICK GOLD

Barrick Gold would become the world’s largest gold mining company, and we’ve been their go-to contractor in North America for over two decades. It all started with these two early U.S. projects.

HIGHLIGHT
Early project with Barrick Gold, client for over 20 years

1988

HIGHWAY TO MOUNT ST. HELENS
MOUNT ST. HELENS, WASHINGTON
U.S. GOVERNMENT

After acquiring Seattle-based Seacon Construction and opening our first U.S. office, Ledcor was awarded a project to upgrade the old route to Mount St. Helens. Our vision of U.S. growth diversity was being implemented, and Seattle was an ideal launching point for our expansion south.

HIGHLIGHTS
• U.S. presence and project
• Acquired Seacon Construction
• Opened our first U.S. office
THE BUILDING DIVISION BEGINS IN METRO VANCOUVER WITH A PROJECT FOR VOLKSWAGEN.

In early 1988, Ledcor announced the creation of the Ledcor Building Group, with offices in Vancouver, Edmonton, and Calgary. Early on, Building Division projects were secured in Metro Vancouver through established contacts, but the area was a hot market at the time, and we were determined to become a major player.

One of the division’s first projects was the Volkswagen Regional Head Office and Parts Distribution Centre in Metro Vancouver. It was also our first light industrial project, and led to many more, including a 300,000-square-foot, multi-building project at 410 Industrial Park in Surrey. Soon after, we’d build a reputation as one of the most reliable contractors in B.C.’s booming Lower Mainland.
CREATING MORE OPPORTUNITIES.

The 1990s was a decade of innovation and evolution. New technologies, driven by the endless promise of the Internet, reshaped how businesses operated. Ledcor looked for opportunities to leverage our expertise to enter emerging markets, and found it in the world of fiber optic networks with our new Telecommunications division. While the tech industry boomed, traditional industries such as mining, pipelines, and real estate remained profitable and promising.
LOUISIANA-PACIFIC PULP AND PAPER MILL
CHETWYND, BC / LOUISIANA-PACIFIC

Another significant step forward for our Building division, Ledcor proposed a joint venture to build the entire mill. The project continued to strengthen our Building division.

HIGHLIGHT
Largest industrial job at the time

EDMONTON COSTCO
EDMONTON, AB COSTCO WHOLESALE

We didn’t know at the time that our first Costco project would lead to a lifetime client and over 480 more projects. In order to set up the partnership for success, the Building division moved into the Seattle office to be closer to Costco’s corporate headquarters, which also helped us further strengthen our presence in Seattle’s construction industry.

HIGHLIGHTS
• First Costco project
• Building division expands into Seattle
NOVA PIPELINE
BERLAND RIVER, AB / NOVA

This pipeline job required us to expand both our skill set and services. Installing the 42-inch diameter pipe called for changes to our usual processes—since larger pipe is more rigid and less tolerant, the installation had to be precise. We completed the job on time and on budget.
FORMING LEDCOR PROPERTIES.

A MODEL FOR FUTURE PROJECTS.

We formed Ledcor Properties as an independent subsidiary for real estate partnerships. The Calgary Co-op head office was our first project. We selected the real estate, submitted a design-build leaseback proposal, and brought in joint venture partner Qualico, who we continue to work with to this day.
1997

BHP EKATI DIAMOND MINE
NORTHWEST TERRITORIES / BHP BILLITON DIAMONDS

It was Canada’s first diamond mine—and we built it. At its peak, 450 people were working on the project. BHP presented Ledcor with a safety award for achieving a million work-hours without a single lost-time incident.

HIGHLIGHTS
• Canada’s first diamond mine
• One million work-hours without a single lost-time incident
AN INNOVATIVE APPROACH.

In 1993, the federal government deregulated telecommunications in Canada, and our leadership team sensed an opportunity. Considering our experience laying fiber optic cable in the 1980s, the idea was to build an independent fiber optics transmission system across the country and to share the cost of the installation by selling bundles to groups of owners.

We started with a trial run, building a short but high-volume fiber optic corridor between Edmonton and Calgary. Ledcor wanted to bury the cable along CP Rail’s right-of-way, but CP was reluctant, since installing the cable equipment would require shutting down the track on a busy route. Our team designed a plow system that could run on the railway to lay the cable and be removed from the track in less than ten minutes when a train was coming—and put back on just as fast. The design was eventually patented.

Next, we started work on a cross-country system. In total, 7,500 kilometres of 48-strand, double-armored cable was laid.
LAUNCHING 360NETWORKS.

TAKING OUR FIBER OPTICS EXPERTISE WORLDWIDE.

To extend our network-building expertise outside Canada, we created a subsidiary, Worldwide Fiber, which later went public as 360Networks.

After providing high-speed service to 63 cities in the U.S. and Canada, we crossed the Atlantic Ocean to connect North America with Europe, then laid lines between the U.S. and South America.

We connected communities across those continents using land and submarine cable systems. 360Networks became a significant global player in its day, employing 3,000 people and installing over 50,000 kilometres of fiber optic cable.
NISKU PIPE FABRICATION & MODULE ASSEMBLY SHOP
NISKU, AB

Our pipe fabrication and module assembly shop can meet the most exacting demands, for projects of any size. Throughput capacity for pipeline is close to 40,000 diameter inches per month and we are able to accommodate up to 100 modules at various stages of completion at one time.

CHINOOK CENTRE
CALGARY, AB / CADILLAC FAIRVIEW

A landmark project for Calgary, and for Ledcor. The renovations to Chinook Centre made the shopping centre the largest in the city. It was our first Calgary project over $100 million.
As the new millennium began, we were in the fortunate position to look back with pride on over 50 years of projects, milestones, and relationships that had made significant positive impacts on communities throughout Canada and the US. And we didn’t stop there. The 2000s was another decade of firsts, as we worked with clients new and old to deliver innovative projects that broke new ground. Public-private partnerships became a new service delivery model that allowed governments to look for sustainable ways to invest in public infrastructure.
Imperial Oil selected Ledcor to undertake an expansion of its Mahkeses heavy oil processing facility. At its peak, the project involved 700 tradespeople and up to 2.5 million work-hours without a single lost-time incident. The expansion boosted the operation’s output of crude oil by 30,000 barrels a day and co-generated 170 megawatts of electricity.
HONUA KAI RESORT AND SPA
HAWAII / JOINT VENTURE WITH INTRAWEST

We built 318 condo units worth over $425 million. The development was a big success: it sold out on its first day on the market and led to many more projects with Intrawest.

RUBY HILL MINE
EUREKA, NV / BARRICK GOLD

The mine project had outstanding outcomes in both production and safety. Ledcor loaded and hauled 6.4 million cubic metres of alluvium, graded the site, and did the final preparation for all site services. The team set a new Ledcor production record while achieving a perfect, incident-free safety record.

HIGHLIGHT
Incident-free while achieving a new production record
In 2005, we won a major upgrade and maintenance project for this 188-kilometre P3 project. It was a major milestone in our pursuit of promising, profitable partnerships. P3s are now a preferred method of delivery for many project types in most provinces. And we’ve led many more since.
ALBIAN SANDS
FORT MCMURRAY, AB / SHELL CANADA

Part of our most significant project with Shell Canada; over the years we’ve provided civil, industrial, pipelines, and reclamation services. We’re proud of our safety record for this project, which saw 2,300 people on site at its peak. In 2010, Shell awarded us the Goal Zero Award for reaching 365 days without medical aid.

HIGHLIGHT
Largest on-going project with Shell

FOSTER CREEK PIPELINE
BONNYVILLE, AB / ENCANA

We built 63 kilometres of pipeline, up to 32 inches in diameter, installed in parallel on above-ground pipe racks. At the time of completion, the 32-inch trunk line was the world’s largest steam-assisted gravity drainage pipeline.
FIREBAG STAGES 3 & 4
FORT MCMURRAY, AB / SUNCOR ENERGY

We were part of a team in charge of Stage 3 project construction, including activities for the water treatment, steam generation areas, utilities and off-sites. The Firebag Stage 4 project was the next planned stage within a single integrated plot plan. Based on Ledcor’s excellent execution during Stage 3, Stage 4 was awarded as a sole source contract.

HIGHLIGHTS
- Suncor’s President’s Operational Excellence Award for Safety Performance
- 2.2 million work-hours without a lost-time incident

SNAP LAKE DIAMOND MINE
NORTHWEST TERRITORIES
DE BEERS CANADA INC.

When De Beers went looking for a contractor to handle construction of their first diamond mine outside of Africa, Ledcor was invited to bid. We built all surface facilities for this remote mine, including the main processing building, and provided an extensive winter works program to keep it running smoothly in the cold climate.

HIGHLIGHT
Canada’s first fully underground diamond mine
SHANGRI-LA
VANCOUVER, BC
JOINT VENTURE WITH PETERSON INVESTMENT GROUP & WESTBANK PROJECTS

The 62-storey, 197-metre project includes luxury homes, two fine-dining restaurants, a spa, sculpture garden, and a five star, 119-room hotel—the first Shangri-La hotel outside of Asia. The project integrated extensive energy-efficient and sustainable features into the building design and construction.

HIGHLIGHTS
• LEED Silver
• Vancouver Regional Construction Association Silver Award for General Contractor over $50 million
• Tallest building in Vancouver, at 197 metres
• Deepest excavation in Vancouver, at 26 metres
With Ledcor Technical Services (LTS) firmly entrenched in the telecom industry, TELUS awarded us a contract to provide installation and repair services throughout Western Canada. The familiar Ledcor logo on TELUS service trucks announced LTS as a TELUS Authorized Service Provider.

Our contract with Alberta Transportation, which was renewed in 2016, brought our total highway maintenance up to 7,000 kilometres.
HIGHLIGHTS

- Largest continuous poured foundation footing of a commercial building in Canada
- Tallest building in Calgary and biggest building we’ve constructed

THE BOW

CALGARY, AB / H&R REIT

The spectacular 58-storey tower is the headquarters for Encana Corporation. The concrete pour for the building foundation began on a Friday evening and went on for two days. Enough concrete was poured to fill 1,300 mixer trucks and it holds the record for the largest continuous foundation pour of a commercial building in Canada.
LYNDEN PINFLING INTERNATIONAL AIRPORT
NASSAU, BAHAMAS
GOVERNMENT OF THE BAHAMAS

Our long-time client YVR brought us to the Bahamas to support this project, an example of our capacity to mobilize our expertise wherever our clients need us. Completed in partnership with Woslee Construction of Nassau, the expansion of the airport was the largest infrastructure project ever undertaken by the Government of The Bahamas.

HIGHLIGHT
First project in the Bahamas

TRANSCANADA KEYSTONE PIPELINE
ALBERTA TO MANITOBA / TRANSCANADA

This was our largest pipeline at the time, transporting bitumen over 370 kilometres from Hardisty, Alberta to Gretna, Manitoba. The project posed many challenges: four sections of horizontal directional drilling, with 3,696 metres of river crossings; environmental constraints, including seven creek crossings through environmentally sensitive areas; and restrictive timing windows due to rare vegetation.

HIGHLIGHTS
• First project in Manitoba
• Our largest pipeline project at the time
STARTING A TRANSPORTATION GROUP.

THE LAUNCH OF LEDCOR MARINE AND SUMMIT AIR.

Ledcor purchased a majority interest in Pacific Western Navigation, a new company offering ship-berthing and marine-towing services. The acquisition provided us with yet another integrated service to customers, particularly those in the natural resource and industrial sectors. The company was later rebranded Ledcor Marine, a division of the Ledcor Resources and Transportation Group. Their location on Howe Sound on the B.C. coast made available a fleet of powerful tug boats for ship assist, ship escort, vessel towage, rapid response to fuel spills, and other marine assignments.

That same year, we acquired Summit Air, an airline servicing Northern Canada. These two acquisitions positioned Ledcor to enter new territories and continue our steady growth through the decade ahead.
STARTING A TRANSPORTATION GROUP.
Ledcor has continued to take steps to strengthen our company, empower our people, and positively impact the places where we live and work. By seeking out strategic opportunities to diversify our business, we continually bring our strong approach to safety and commitment to new clients, industries, and organizations. This decade has seen us progress significantly in environmentally sustainable design, with award-winning projects pursuing ambitious LEED Platinum and Living Building certification.
ART GALLERY OF ALBERTA
EDMONTON, AB / CITY OF EDMONTON

This iconic building will be at the heart of the province’s cultural core for generations to come. The structure is defined by open-concept windows highlighted by a distinctive stainless steel curtain wall. A four-storey renovation and addition to the existing gallery incorporated 7,900 square metres of new space, including the 150-seat Ledcor Theatre.

HIGHLIGHTS
• Alberta Construction Magazine’s Top Project Award in 2009 for innovation in design
• 2011 Project of the Year by Edmonton Construction Association
This $1.3 billion transportation infrastructure project, delivered by P3, included 40 kilometres of a new four-lane highway connecting communities throughout the Lower Mainland. It is our largest civil infrastructure project in B.C.
**VANDUSEN BOTANICAL GARDEN VISITOR CENTRE**

**VANCOUVER, BC / VANCOUVER PARK BOARD**

Featuring a unique green roof that undulates like a wind-blown orchid, this $19 million structure incorporates leading sustainable features, including geothermal heating, solar panels, hot water tubes, and water capture and purification systems. The facility was designed to achieve net-zero water and energy consumption.

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**VANCOUVER HARBOUR FLIGHT CENTRE**

**VANCOUVER, BC**

**JOINT VENTURE WITH CLARKE GROUP**

Built, owned, and operated by Ledcor as part of a joint venture. Located in the heart of Vancouver and visible from our headquarters in Shaw Tower, it’s the busiest water aerodrome in Canada.
MINERAL RIDGE MINE
ESMERALDA COUNTY, NV / SCORPIO GOLD

Scorpio Gold engaged Ledcor to drill, blast, load, and haul material at their newly rehabilitated Mineral Ridge mine. Located northwest of the town of Silver Peak, the property has 351 mining claims totaling 10,176 acres. We mined around 17 million tons of ore and waste material over a 38-month schedule.

ENBRIDGE PIPELINE INTEGRITY Digs ACROSS CANADA / ENBRIDGE

We’ve done almost 900 separate integrity digs to ensure the safety and integrity of Enbridge’s pipeline network, one of the longest in the world. We encountered temperatures colder than -40°C because digs had to be completed before access roads and engineered ice bridges became too soft to support heavy loads in the spring.
Scorpio Gold engaged Ledcor to drill, blast, load, and haul material at their newly rehabilitated Mineral Ridge mine. Located northwest of the town of Silver Peak, the property has 351 mining claims totaling 10,176 acres. We mined around 17 million tons of ore and waste material over a 38-month schedule.

**HIGHLIGHTS**

- Built to LEED Gold standards
- Our largest project to date in Toronto

**CANARY DISTRICT**

TORONTO, ON / DUNDEE KILMER DEVELOPMENT, INFRASTRUCTURE ONTARIO, WATERFRONT TORONTO

A joint venture with EllisDon, the Canary District is part of the West Don Lands development. West Don Lands is an innovative urban development project that revitalized 79 acres of provincially-owned land into a mixed-use master-planned community.
KEARL OIL SANDS
FORT MCMURRAY, AB
IMPERIAL OIL AND
EXXONMOBIL CANADA

We led an integrated team providing full construction services supporting one of Canada’s largest open-pit mining operations, with over 600 workers on site. Our fabrication facility in Nisku handled the custom module assembly.

HIGHLIGHT
Zero health, safety and environmental recordable incidents in 2012, with over 1,500,000 work-hours

HIGHWAY 63
NORTHERN ALBERTA
ALBERTA TRANSPORTATION

This twinned 36-kilometre stretch of Highway 63, north of Wandering River, Alberta opened eight months ahead of schedule. We researched a more environmentally sustainable paving technology than is typically used, called warm-mix asphalt. It enables paving and mixing at lower temperatures, resulting in lower fuel consumption and less greenhouse gas emissions.
In 2013, we had six new cargo barges designed and custom-built in consultation with our client, Mainland Sand & Gravel, to meet their specific requirements. We also signed a long-term marine transportation services agreement with the company. To date, Ledcor owns and operates nine tugboats and 22 barges, making it one of the largest marine operations serving natural resources and industrial customers in Southwest B.C.
Ledcor Resources and Transportation officially opened its new cant mill, wood chip, and biomass operation in Chilliwack in 2013. Our Forestry division includes fellers, truckers, mill operations and management, and at its peak, employs over 100 people.
EXPANDING AVIATION FLEET.

LEDCOR’S SUMMIT AIR ACQUIRES ARCTIC SUNWEST CHARTERS AND TRINITY HELICOPTERS.

Ledcor’s Summit Air has made steady gains since we acquired it in 2009. As part of our strategy to continue to diversify the business while complementing the services we offered to existing clients, we acquired three more companies in 2013 and 2014: Arctic Sunwest Charters, Trinity Helicopters, and CC Helicopters. With bases in the Northwest Territories, B.C., and Alberta, we gained further access to remote regions in the North.

The acquisitions doubled our aviation services fleet. Today, under the brands of Summit Air and Summit Helicopters, Ledcor has one of the largest and most diverse aviation fleets in the industry.
MARINE GATEWAY
VANCOUVER, BC / PCI DEVELOPMENTS

Totally integrated with Vancouver’s light rail rapid transit system—It has its own stop on the Canada Line—Marine Gateway is a vibrant mixed-use community in a thriving location. The environmentally sustainable development includes 461 residences, 240,000 square feet of multi-storey retail, and a 14-storey office building.

HIGHLIGHT
Achieved LEED Gold
LAKES AT TECHRIDGE
AUSTIN, TX / JOINT VENTURE WITH QUALICO

The Lakes at Techridge is a 66-acre master planned development, situated in one of Austin’s emerging high tech corridors. It includes four mixed-use residential developments and a multi-phase office development. It’s also home to Ledcor Technical Services U.S. head-office.
FORT HILLS OIL SANDS
FORT HILLS, AB / SUNCOR

This was our largest multi-year and multi-service project with a single point of client contact (2012–present). Services included pipeline and conduits, mechanical, civil, structural, architectural, electrical, as well as instrumentation services for the early works and site infrastructure build-out.

HIGHLIGHT
A TRIF (total recordable incident frequency) of zero in 2012
GRAND RAPIDS PIPELINE
ALBERTA / TRANSCANADA

Consists of a pipeline approximately 425 kilometres long, from northwest of Fort McMurray to the Edmonton area. The project required 1,200 employees at its peak, and $150 million of new equipment was needed to see the project through to completion.
At 1.4 million square feet, this is Canada's largest shopping centre built since 2009. The mall houses 18 major anchor tenants, a sports dome and other entertainment facilities, factory outlets, restaurants, and a food court that seats 1,100. We’ve worked with Ivanhoé Cambridge, a Ledcor lifetime client, for two decades on projects across Canada.
SOUTHWEST CALGARY RING ROAD
CALGARY, AB
ALBERTA TRANSPORTATION

A massive infrastructure project encompassing 31 kilometres of six- and eight-lane divided highway, with 14 interchanges, one road flyover, one railway crossing, 47 bridges, one culvert set, one tunnel, and three river crossings. The joint venture of Kiewit, Graham, and Ledcor (as KGL Constructors), leads the design and construction.

HIGHLIGHT
CCPPP 2016 National Gold Award in Project Financing, for Innovation and Excellence in Public-Private Partnerships
MACKENZIE VALLEY FIBER LINK
NWT / GOVERNMENT OF NORTHWEST TERRITORIES

This challenging project involved the installation of 1,154 kilometres of high-speed fiber optic cable from McGill Lake in the south to Inuvik in the north. The system provides improved delivery of health, education, and social services to several remote communities in the Northwest Territories.
ROYAL ALBERTA MUSEUM
EDMONTON, AB / GOVERNMENT OF ALBERTA

We built this architecturally stunning, $340 million natural and human history museum; featuring 72,000 square feet of permanent exhibition space—roughly double the size of the old facility. It also includes a bright lobby, cafe, gift shop, 250-seat theatre, and outdoor terraces.
This facility, delivered by P3, is a much-needed eight-storey addition to the urban campus of the BC Children’s Hospital and BC Women’s Hospital and Health Centre. The building includes an emergency department, 231 private inpatient rooms, a neonatal intensive care unit, birthing, transfusion medicine, medical imaging, and much more.

HIGHLIGHTS
• LEED Gold design and construction
• Interactive educational screen in waiting area
MORE MILESTONES TO COME.

While it’s nice to look back at all we’ve achieved over the past 70 years—the projects we’ve plated, the milestones accomplished, the communities we’ve helped build—what really keeps us motivated are the opportunities that lie ahead.
Our construction experts are now using virtual and augmented reality, 3D models, and drones to enhance our design and construction solutions. Our Infrastructure construction division is working with PhD-level researchers at the University of Alberta to create a visualization platform that uses Google Earth, drone footage, and digital imagery that syncs with 3D models to create a virtual environment that all team members can access in our building group.
Across our business, Ledcor is undertaking projects that are larger in scale and more logistically complex than ever before. To successfully execute work on projects of this size, we are embracing more partnerships, whether it’s public-private-partnerships (P3s) or joint ventures with companies we once considered competitors.
Partnerships on large projects require teamwork between communities, governments, and industry-leading construction, engineering, and consulting companies. We are proud to build relationships with world-class partners to bring much-needed services to communities across North America.