



Integrated Expertise. Locally Delivered.

ISL helps municipalities turn local priorities into practical infrastructure solutions that deliver lasting value.

HIGHWAY 1A / HIGHWAY 22 INTERIM
INTERCHANGE, COCHRANE, AB

LLOYDMINSTER MECHANICAL WASTEWATER
TREATMENT FACILITY, LLOYDMINSTER, AB

REDEVELOPMENT OF THE CANADIAN WILDS AT THE CALGARY ZOO,
CALGARY, AB


Integrated Expertise. Locally Delivered.

Who We Are

ISL is a full-service consulting firm delivering transportation, land, water, and municipal infrastructure projects across Western Canada.

With more than 650 professionals in 16 offices, including a strong presence throughout Alberta, we combine multidisciplinary expertise with a deep understanding of the communities we serve.

Alberta Knowledge. Local Delivery.

With offices and staff located across Alberta, ISL brings local insight, established relationships, and an understanding of the unique opportunities and challenges facing communities throughout the province. Our teams live and work in the regions they support, allowing us to develop practical, context-sensitive solutions that reflect local priorities.

Guided by our commitment to *Integrated Expertise*. *Locally Delivered.*, we pair the resources and technical depth of a large consulting firm with the responsiveness and accountability of a local partner. Whether supporting municipalities, provincial agencies, or private-sector clients, we deliver infrastructure solutions that are informed by Alberta's people, communities, and future growth.



We are **100%** Canadian Owned and Operated

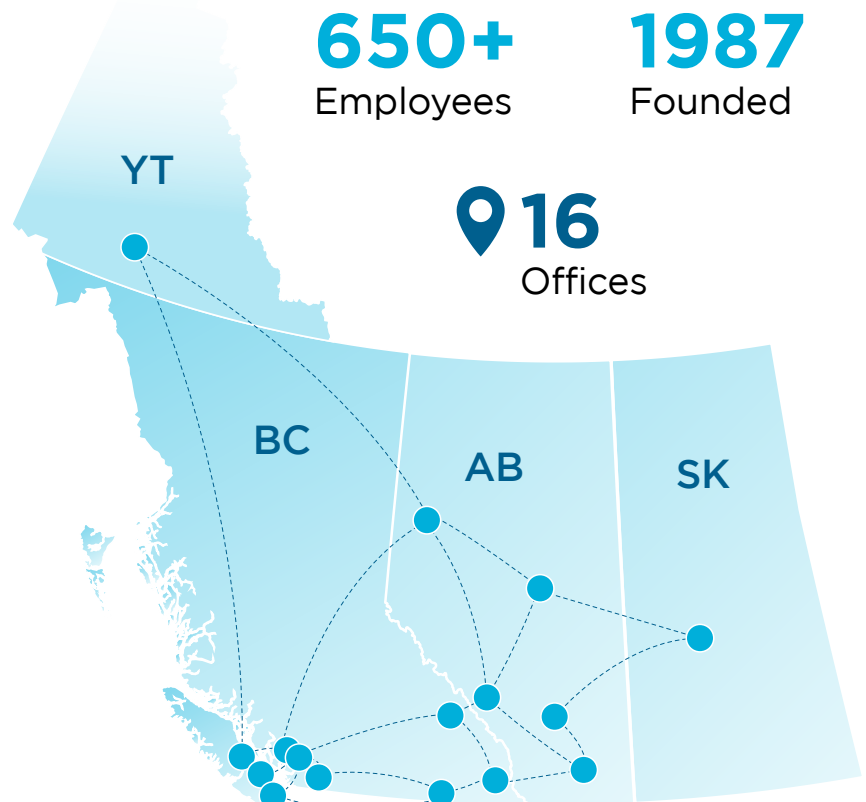


37 STREET SW STREETSCAPE,
CALGARY, AB

650+
Employees

1987
Founded

16
Offices



Integrated Expertise. Greater Value.

Every project creates opportunities beyond a single service. Whether we begin with transportation, community planning, water, structures, or environmental services, ISL's integrated team can support the full project lifecycle, from strategy and approvals through design and construction. By bringing the right experts together at the right time, we help clients streamline delivery, reduce risk, and maximize project value.

One relationship. One team. End-to-end solutions.



Transportation

Traffic planning, design and construction, transit (BRT, LRT), and signals/lighting



Municipal and Community

Municipal infrastructure, water (process and mechanical), community development



Bridges

Structural bridges



Buildings and Structures

Buildings, structures (water), enhanced project delivery



Land and Environment

Environmental management, hydrogeology, heritage services (architecture), landscape architecture and urban design, community planning and engagement

Project Lifecycle

Municipal projects rarely fit within a single discipline. ISL connects services around each project phase so clients can move forward with fewer handoffs and a consistent team.

Plan and Approve

Community and land use planning, feasibility studies, engagement, environmental review, transportation planning, and regulatory approvals establish a practical path forward.

Design and Coordinate

Transportation, water, stormwater, site servicing, and landscape design are coordinated to resolve interfaces before construction.

Build and Deliver

Tendering, contract administration, inspection, utility coordination, and construction support help keep delivery aligned with the design intent.

Operate and Renew

Condition assessments, rehabilitation planning, asset management, and lifecycle analysis help municipalities extend service life and plan future investment.



PROJECT SPOTLIGHTS

Multi Discipline

Redevelopment of the Canadian Wilds at the Calgary Zoo

Project Location: Calgary, AB

As the lead engineering firm for the structural and civil components of the Canadian Wilds Redevelopment, ISL delivered complex infrastructure supporting animal care, visitor experience, and environmental resilience. The project included secure animal and visitor fencing, an entry feature, interpretive viewing areas, retail and washroom facilities, new habitats for caribou and whooping cranes, and an expansive polar bear habitat featuring concrete pools, streams, shelters, a moat, amphitheatre, and holding and life-support building. Working over a former landfill required careful responses to existing utilities, groundwater conditions, and flood risk. Structures were positioned to avoid or bridge utilities where possible, while the polar bear building was elevated above the 1-in-100-year flood level and designed with a watertight concrete basement to help prevent floodwater intrusion.



17 Ave SE Stampede Crossing

Project Location: Calgary, AB

ISL partnered with WSP to support the construction feasibility assessment, cost-benefit analysis, detailed design, and delivery of the new 17 Avenue SE Stampede Crossing. The complex urban project required extensive coordination with Calgary's utility providers to address conflicts and maintain reliable services throughout construction. Delivering an LRT corridor within an active transportation network also generated valuable insights for future transit projects, particularly the Green Line North BRT, which must remain operational during construction of Segment 2 of the Green Line LRT. Through careful planning, multidisciplinary coordination, and practical design solutions, the project demonstrates ISL's ability to deliver major transit infrastructure within a constrained and highly active urban environment.





144 Avenue NW West Nose Creek Crossing

Project Location: Calgary, AB

ISL led the 144 Avenue NW West Nose Creek Crossing from functional planning through detailed design and construction services, bringing together expertise in transportation, structures, stormwater, deep utilities, environmental services, landscape architecture, and public engagement. The project delivered 1.8 kilometres of arterial roadway, a new bridge crossing, multi-use pathways, utility infrastructure, retaining and noise walls, and extensive environmental mitigation, including creek realignment and fish habitat enhancements. Close coordination among technical disciplines, regulatory agencies, utility providers, developers, and community stakeholders helped address the project's complex infrastructure and environmental requirements. The completed crossing improves connectivity and supports continued growth in Calgary's northwest communities.



Yellowhead Trail Freeway Conversion

Project Location: Edmonton, AB

ISL is providing multidisciplinary design and construction services for the Yellowhead Trail Freeway Conversion between St. Albert Trail and 97 Street, the largest and most complex segment of the corridor. The project will transform Yellowhead Trail into a six-lane, free-flow freeway by removing at-grade intersections and direct access points to improve safety, capacity, and mobility. ISL's integrated team brings together project management, public engagement, transportation and structural engineering, urban design, utility coordination, drainage, railway design, geotechnical services, and construction support. This coordinated approach is helping address complex urban and infrastructure constraints while advancing a safer and more efficient transportation corridor for Edmonton.



PROJECT SPOTLIGHTS

Transportation



QEII / 40 Avenue Interchange

Project Location: Airdrie, AB

ISL partnered with Associated Engineering and the City of Airdrie to deliver the QEII / 40 Avenue Interchange, a landmark project providing a critical third highway access for the city's growing south communities. The project included a new interchange, two major bridges, a Nose Creek crossing, significant utility coordination, and supporting roadway infrastructure. Opened in 2023, the interchange has enhanced regional connectivity, reduced congestion, and supported Airdrie's continued growth.

144 Avenue NW Corridor Improvements

Project Location: Calgary, AB

ISL partnered with The City of Calgary to plan and design critical transportation infrastructure along the 144 Avenue NW and Symons Valley Road corridors. Beginning with a Functional Planning Study, ISL established a long-term roadway network to support future growth, including new crossings of West Nose Creek, roadway alignments, access management, and right-of-way requirements. ISL subsequently completed detailed design for the first phase of the 144 Avenue NW crossing, featuring the south half of a future six-lane arterial roadway and a new three-lane bridge over West Nose Creek. The project supports connectivity, mobility, and continued development in northwest Calgary.





Highway 1A / Highway 22 Interim Interchange

Project Location: Cochrane, AB

ISL is leading the planning, design, and construction administration of the Highway 1A / Highway 22 Interchange in Cochrane, a key infrastructure project that will improve traffic flow and eliminate a major transportation bottleneck in the region. The project features multiple bridge structures, including crossings over Highway 1A, the CPR mainline, and Big Hill Creek, while navigating challenging terrain, sensitive historical resources, and major utility corridors. Once complete, the interchange will enhance safety, mobility, and regional connectivity for the Town of Cochrane and surrounding area.



17 Avenue SE Stampede Crossing

Project Location: Calgary, AB (2024)

ISL partnered with WSP, GEC, and CMLC to deliver the 17 Avenue SE Stampede Crossing, a transformative project connecting Calgary's Culture + Entertainment District. The project included reconstruction of Victoria Park/Stampede Station, a new at-grade LRT crossing, and enhanced public realm features that improved accessibility, safety, and connectivity for nearly 13,000 daily users while supporting the long-term vision for the Rivers District. The project received an Honourable Mention for Civic Design at the 2024 Mayor's Urban Design Awards, recognizing its contribution to Calgary's urban connectivity and public realm.



PROJECT SPOTLIGHTS

Community Planning

Athabasca Municipal Development Plan and Land Use Bylaw Update

Project Location: Athabasca, AB

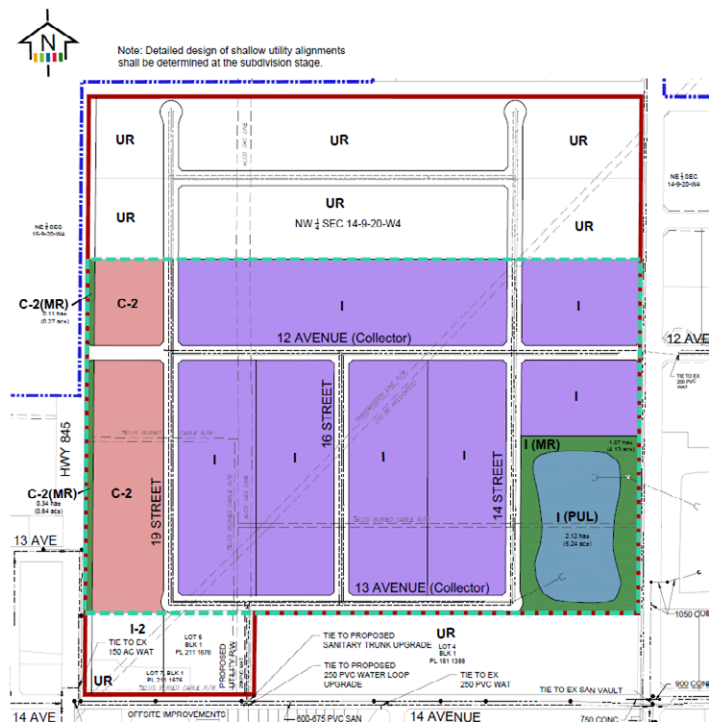
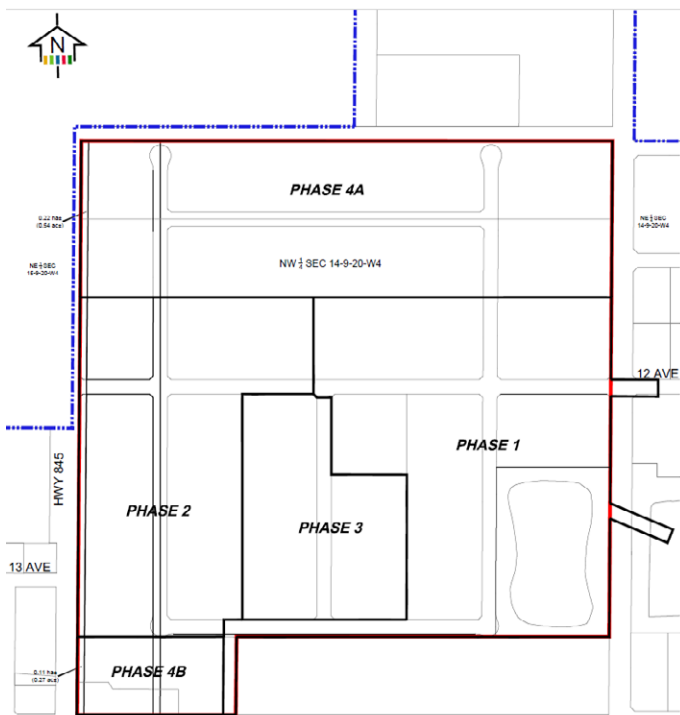
ISL partnered with the Town of Athabasca to modernize its Municipal Development Plan and Land Use Bylaw, creating clear, user-friendly planning documents that reflect current community priorities and legislative requirements. Through extensive stakeholder engagement, policy review, and regulatory updates, the project streamlined development processes, improved readability, and established a stronger framework for sustainable growth, infrastructure planning, and community development. The updated documents provide Council, residents, and developers with a clear vision for Athabasca's future.



Coaldale West Industrial Area Structure Plan and Outline Plan

Project Location: Coaldale, AB

Working with 845 Developments and the Town of Coaldale, ISL developed the planning framework for a 134-acre industrial expansion area identified for future growth. Through the preparation of an Area Structure Plan, Outline Plan, and supporting land use amendments, ISL helped establish a well-connected industrial hub that balances economic development with adjacent community and cultural amenities. The project demonstrates ISL's ability to navigate complex approvals processes and advance projects from long-range planning through to development implementation.





PROJECT SPOTLIGHTS

Community Development



Eau Claire Plaza Public Realm

Project Location: Calgary, AB

ISL supported the renewal of Eau Claire Plaza, one of Calgary's signature downtown public spaces, by delivering critical civil infrastructure and underground servicing works. Working within a highly constrained urban environment, the project included water servicing, construction coordination, and utility infrastructure to support the plaza's transformation into a more durable, accessible, and vibrant gathering place. The work helped prepare the site, including the reinstallation of the iconic Olympic Arch, for its next chapter as a premier public destination in downtown Calgary.

Varsity Firehall Multi-Use Site

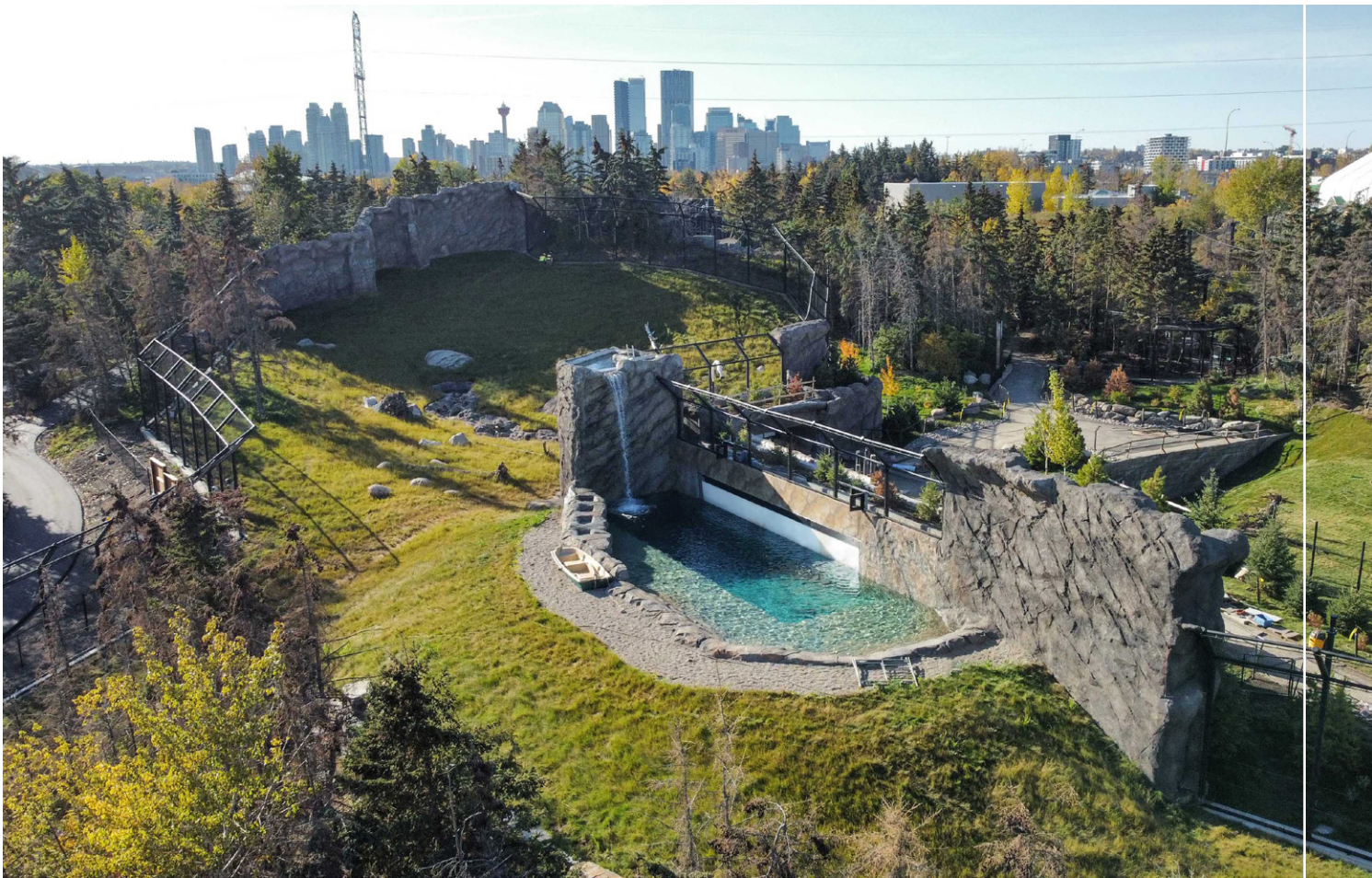
Project Location: Calgary, AB

ISL is transforming the former Varsity Firehall site into a vibrant multi-use community space that combines park amenities, accessible pathways, and high-quality landscape design. The project includes grading, planting, irrigation, and site servicing elements that create a welcoming and functional public space for the surrounding community. Construction is currently underway.

Shepard Snow Storage Facility

Project Location: Calgary, AB

ISL is leading the design of the Shepard Snow Storage Facility, a key piece of municipal infrastructure that supports Calgary's winter operations. The facility incorporates a comprehensive snowmelt treatment system, directing runoff through multiple stages of sediment and water quality management before entering the existing stormwater network. The project will enhance long-term operational capacity while meeting environmental and stormwater management requirements.



Canadian Wilds Redevelopment, Calgary Zoo

Project Location: Calgary, AB

Working with the Wilder Institute/Calgary Zoo, ISL helped bring the Canadian Wilds redevelopment to life through the design of habitat-supporting infrastructure and site servicing. The project included enhancements to polar bear and whooping crane habitats, reconstruction of the outdoor amphitheatre, and naturalized stormwater systems that blend seamlessly into the landscape. By integrating animal care, visitor experience, and environmental performance, the project contributes to a revitalized and uniquely Canadian destination within one of Calgary's most recognized attractions.





PROJECT SPOTLIGHTS

Buildings

Brazeau Collieries Structural Preservation

Project Location: Nordegg, AB

ISL is supporting Clearwater County in the preservation and rehabilitation of the historic Brazeau Collieries Mine Site near Nordegg, Alberta, one of western Canada's most significant surviving coal mining complexes. Through structural, civil, and landscape engineering services, the project is helping protect and revitalize this nationally significant heritage resource while improving safety, site access, and visitor experience.

By balancing heritage conservation with practical infrastructure improvements, the rehabilitation program will preserve the site's historic character, address long-term stability and erosion concerns, and support future tourism and interpretive opportunities for generations to come.



Lloydminster Mechanical Wastewater Treatment Facility

Project Location: Lloydminster, AB

ISL led the engineering design for the City of Lloydminster's Wastewater Treatment Facility expansion and upgrade, a transformative infrastructure project that significantly increased treatment capacity while improving operational efficiency and environmental performance. Delivered through an Integrated Project Delivery (IPD) model, the project modernized the facility to support long-term community growth while protecting local waterways and public health.

Providing structural, civil, and process engineering services, ISL designed major treatment and support infrastructure, including concrete process tanks, pump stations, and a central operations building. The award-winning facility enhances the City's ability to deliver reliable wastewater services and reflects a collaborative, innovative approach to municipal infrastructure delivery.





PROJECT SPOTLIGHTS

Landscape Architecture

Re-Imagined Central Park

Project Location: Spruce Grove, AB

ISL led the landscape architecture services for the renewal of Central Park, transforming an aging downtown park into a vibrant, multi-functional destination for year-round recreation and community gathering. Through site analysis, stakeholder engagement, concept development, detailed design, and construction administration, ISL created a cohesive landscape that balances active recreation with spaces for gathering and relaxing.

The renewed park features a destination skatepark and pump track, bike skills park, playground, community gardens, fitness amenities, pathways, naturalized planting, and interpretive elements, while integrating the existing skating loop and spray park. Improved accessibility, circulation, sightlines, and CPTED-informed design have created a safer, more welcoming public space that strengthens community identity and supports downtown revitalization.



Centre in the Park

Project Location: Strathcona County, AB

ISL collaborated with Strathcona County and private developers to deliver Centre in the Park, a mixed-use development that brings commercial, residential, and community spaces together within a connected civic destination. From master planning through detailed design and construction administration, ISL helped shape a pedestrian-focused public realm anchored by the Prairie Walk, a central corridor linking major civic landmarks. The development

integrates formal landscaping, public art, water features, greywater irrigation, and district energy infrastructure to balance functionality, sustainability, and visual appeal. Through thoughtful, context-driven design, Centre in the Park has created a vibrant and accessible community hub that supports everyday activity and enhances the surrounding urban environment.



37 Street SW Streetscape

Project Location: Calgary, AB

As part of The City of Calgary's Main Streets Initiative, ISL developed three concepts for the renewal of 37 Street SW, each exploring a different approach to the public realm: Urban-Nature, Urban-People, and Urban Hybrid. The concepts focused on creating a more welcoming pedestrian experience while accommodating the corridor's significant vehicle activity and meeting The City's design standards. By balancing mobility, accessibility, landscaping, and opportunities for community activity, the project helped transform the streetscape into a more attractive and functional public space that is now enjoyed by the surrounding neighbourhood and the broader Calgary community.





**Consulting Engineers of Alberta (CEA)
Showcase Awards 2026**

Award of Excellence – Transportation

Project: 144 Ave NW Calgary Extension

Location: Calgary, AB

**BC Recreation and Parks Association
(BCRPA) Awards 2025**

Parks Excellence Award

Project: Minoru Lakes District Renewal

Location: Richmond, BC

**Consulting Engineers of Alberta (CEA)
Showcase Awards 2025**

Award of Merit – Water Resources

Project: Lloydminster Wastewater Treatment Facility

Location: Lloydminster, AB

Saskatchewan Municipal Awards 2025

Top Municipal Initiative

Project: Lloydminster Wastewater Treatment Facility

Location: Lloydminster, AB

**Association of Consulting Engineering
Companies – Saskatchewan (ACEC-SK) 2025**

**Award of Excellence – Municipal
Infrastructure & Water Resources Category**

Project: Lloydminster Wastewater Treatment Facility

Location: Lloydminster, AB

**Consulting Engineers of Alberta (CEA)
Showcase Awards 2026**

**Award of Excellence – Community
Development**

Project: Downtown Flood Barrier and Public
Realm Improvements, Eau Claire Plaza to
Riverwalk

Location: Calgary, AB

CCE Awards 2022

**Award of Excellence – Project
Management**

Project: Drayton Valley Raw Water
Treatment Plan

Location: Drayton Valley, AB

UBCM Award 2021

Excellence in Sustainability

Project: Metral Drive Complete
Street: Utility and Corridor Upgrades

Location: Nanaimo, BC

**Institute for Sustainable
Infrastructure 2020**

Envision Silver Award

Project: Willingdon Linear Park

Location: Burnaby, BC

AWARDS





QEII / 40 AVENUE INTERCHANGE,
AIRDRIE, AB

LET'S KEEP CONNECTED

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RE-IMAGINED CENTRAL PARK,
SPRUCE GROVE, AB



BRAZEAU COLLIERIES STRUCTURAL PRESERVATION,
NORDEGG, AB

ISL