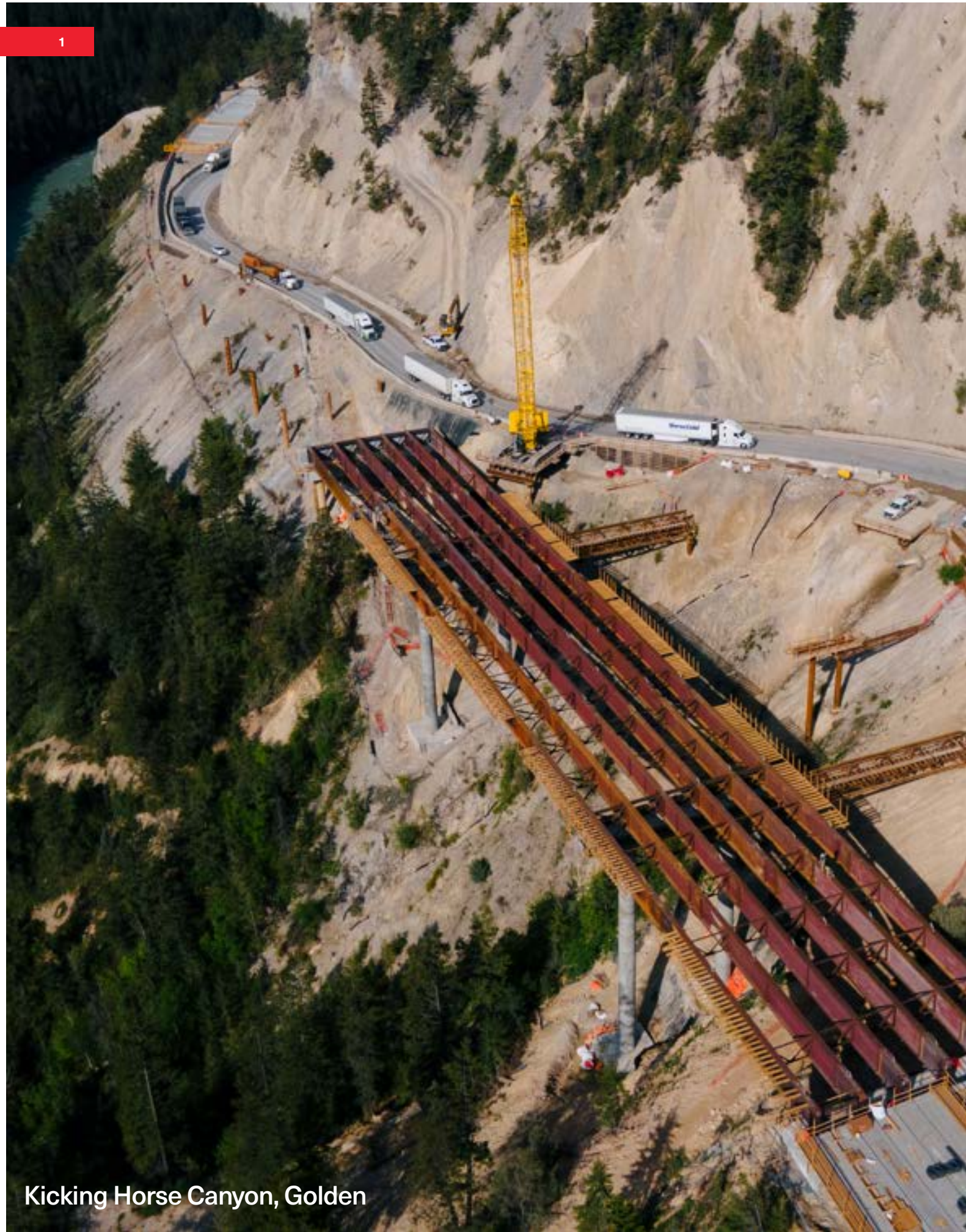




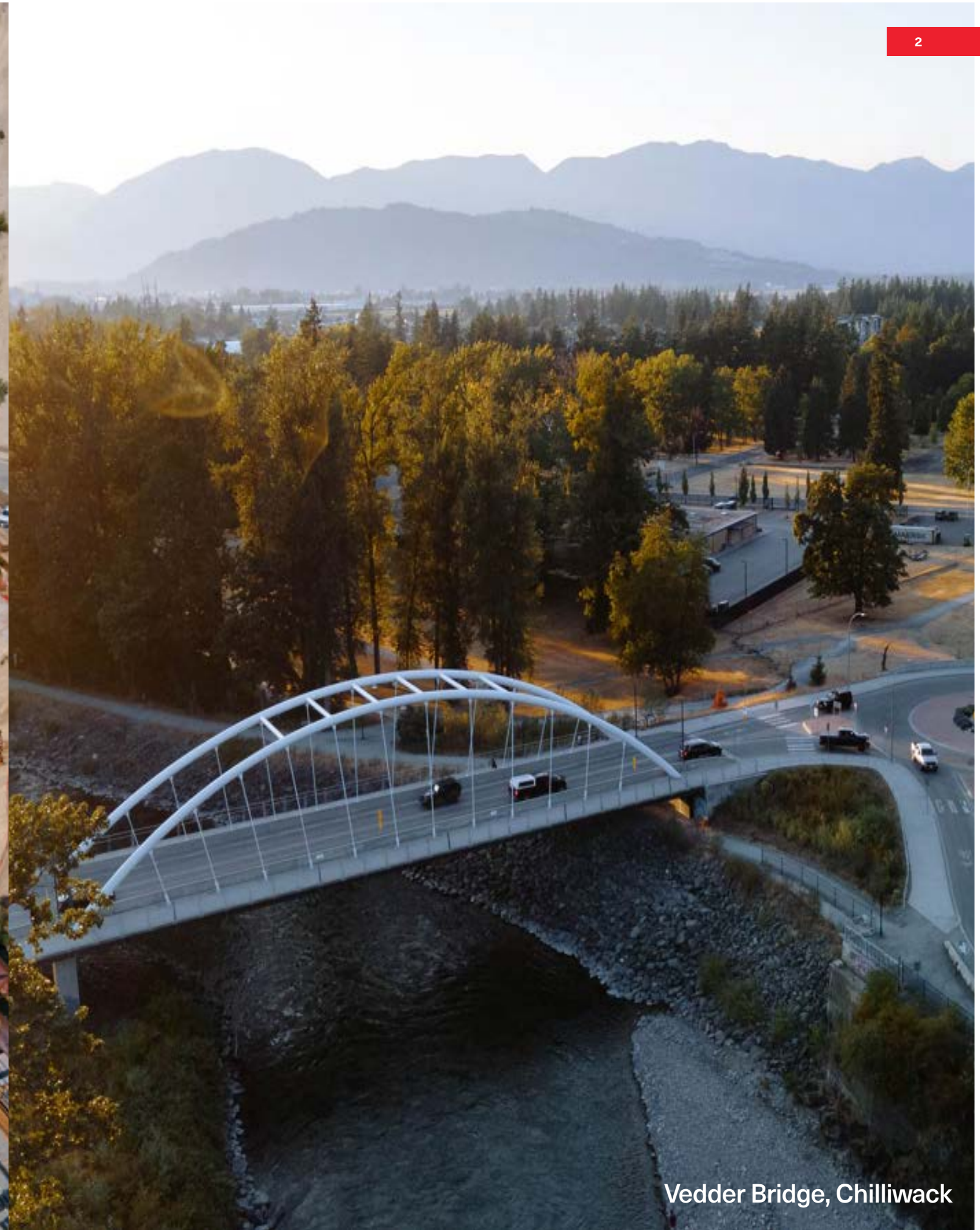
# EMIL ANDERSON

CONSTRUCTION





Kicking Horse Canyon, Golden



Vedder Bridge, Chilliwack



## Message from the President & CEO

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It's with a great deal of pride that I present Emil Anderson Construction, an organization with a family legacy that spans more than 80 years, whose dedication to construction excellence and community stewardship has resulted in the building and maintenance of some of the most significant and impactful infrastructure projects in British Columbia. Along with this, we're proud to have fostered a culture that encourages new ideas and, through our collective expertise, we all aim to drive innovation, improvement, and results on every engagement.

**Robert Hasell, P.Eng.**  
President & CEO

Everything we do is guided by a commitment to worker safety, leadership, improvement, and excellence.

# The EAG Commitment

The Emil Anderson Group has evolved into a diverse group of builders, driven by doing the work that makes a positive impact in the places we live. In order to achieve this, we're aligned around a core set of principles that guide every project and every interaction to make sure that we're making a positive impact and driving quality results.

Our core values provide us with a framework for leadership and decisions that are made daily.

## ► SAFETY

We ensure a safe and healthy work environment with a zero-injury culture.

EAC has a merited reputation as a safe, transparent, and trusted partner. We endeavor to always communicate openly and honestly with our clients. Our project focus is always on safety, product quality, and delivering projects on time and on budget. We strive to be a leader in safety throughout the industry and have zero tolerance for unsafe conditions, equipment, and acts.



# About Us

Emil Anderson Construction (EAC) is a multi-disciplined contractor with diverse capabilities including road building, aggregate production, underground utilities, asphalt paving, bridge building, traffic management, and land development. EAC offers all these services using in-house personnel, which allows for a streamlined approach to project management, resulting in cost effective and efficient projects. Our team regularly delivers contracts ranging from \$100k to \$150m.

As an innovative leader in the construction industry, EAC does things right the first time. We don't cut corners. We operate with integrity. We accomplish projects with excellence, never settling for mediocrity.

## OUR PURPOSE

A leader in the civil infrastructure and paving industries, EAC undertakes challenging projects and completes them to a high standard. This motivation to succeed with integrity began with Mr. Emil Anderson over 80 years ago, and his hard-working nature, focus, and creativity are alive in the company to this day.

## A FOCUS ON COMMUNITY

We are proud to support our clients on community initiatives including building and maintaining positive relationships with identified Indigenous communities. We are committed to listening and learning, while identifying meaningful opportunities to empower inclusivity through training, employment, and subcontracting on our projects.



# Living Our Core Values: Safety

Emil Anderson Group holds safety as a top priority and core value and is committed to maintaining the highest level of safety standards. EAG has a culture of zero tolerance for unsafe conditions, unsafe equipment, unsafe behaviours, and therefore places the utmost importance on creating and maintaining a positive safety culture and a safe and healthy work environment for all personnel.

To achieve a culture of zero tolerance for unsafe conditions, unsafe equipment, and unsafe behaviours, EAG's safety management system incorporates a highly experienced safety team and strong Occupational Health and Safety (OHS) and Injury Management (IM) programs. In addition, EAG consistently emphasizes that safety is its number one Core Value.

## OUR SAFETY TEAM

Emil Anderson Group's safety team consists of a Corporate Safety Director, three Regional Safety Managers, a Corporate Safety Analyst, an Industrial Hygienist, a Corporate Case Manager, a Corporate Safety Coordinator, and a Chief Medical Officer (Dr. Gene Vitug). The team has over 100 years of combined experience in the field of health and safety and has worked for various large players in the construction and oil/gas industries including Kiewit, Fluor, Imperial Oil, and Chevron, as well as WorkSafeBC.

Emil Anderson Group's focus on safety is demonstrated by the company's overall safety statistics as well as its safety culture. Safety performance is trending in the right direction and is expected to continue to improve with the ongoing support of its highly skilled safety team and the ongoing innovation of its safety and injury management programs. This includes an overall reduction in safety incidents, including a reduction in incident severity, and an ongoing streak of 1500 days (as of October 7, 2023) without a Loss Time Incident (LTI). Incident (LTI).

## Experience Rating Adjustment (ERA)

COMPANY	ACCOUNT	CU	CLASSIFICATION UNIT DESCRIPTION	2024		
				Base Rate	+/-ERA %	Net Rate
Emil Anderson Construction (EAC) Inc.	694902	721031	Excavation or Private Landfill or Transfer Station Operation	\$ 2.25	-9.10%	\$ 2.05
		723004	Paving Services or Asphalt Manufacture	\$ 1.55	-1.30%	\$ 1.53
		723005	Railway Construction Maintenance or Demolition	\$ 1.71	-24.90%	\$ 1.30
		723006	Road Construction not elsewhere specified	\$ 1.73	-22.40%	\$ 1.34

## Loss Time / Total Recordable Injury Frequency (to October 2023)

	ACCOUNT	2021			2022			2023		
		Hours	LTIF	TRIF	Hours	LTIF	TRIF	Hours	LTIF	TRIF
Emil Anderson Construction (EAC) Inc.	694902	Hours	324,631		331,369		252,643			
		LTIF	0		0		0			
		TRIF	0		1.2		0			

# Safety Management System

Emil Anderson Group has an industry-leading, robust, comprehensive, and results-oriented Safety Management System that meets and exceeds regulatory requirements

## Key components of the new system include:

- A supervisor training program that informs Foremen, Superintendents and Project Coordinators/Managers of their duties and responsibilities as well as company expectations and standards;
- A subcontractor vetting system to ensure only subcontractors with a good safety track record are hired; A robust incident reporting, investigation and communication system;
- A discipline system for non-compliances with safety standards;
- An emphasis on safety communication including the implementation of toolbox talks, daily work instruction meetings, weekly Continuous Safety Improvement (CSI) meetings, JOHSC committee meetings and weekly company-wide safety calls to review safety statistics, injuries and initiatives;
- A new STAR Card Program which allows employees to report safety concerns, opportunities for improvement, interventions and positive observations to management directly/immediately;
- An electronic safety management program (Salus) for completion and tracking of forms, procedure reviews/sign-offs, etc.;
- Hazard identification protocols including pre-project hazard assessments and daily Field Level Hazard Assessments (FLHAs);
- A Designated Operator Program to ensure proper training/education and competency of operators for various equipment, tools and machines

Recent safety initiatives to note include a partnership with Caterpillar Safety Services for the implementation of Continuous Safety Improvement (CSI) meetings which brings together craft workers and managers for the purpose of identifying areas for improvement and discussing relevant safety topics. These meetings provide an environment for collaboration and drive improvement via the assignment and tracking of corrective actions.



# The Highest Quality Standard

Quality has long been a cornerstone of Emil Anderson Construction, serving as the bedrock upon which our reputation, success, and longevity stand. We take every effort to ensure that high standards of craftsmanship, materials, and processes not only guarantees the overall structural integrity and safety of our projects, but also cultivates trust amongst our clients and stakeholders. With our commitment to quality, EAC safeguards against rework, delays, and costly errors, ultimately saving resources and enhancing efficiency.

Our Quality Management System was designed to maintain an exceedingly high standard on all our work across the province. We pride ourselves on delivering a superior product and an elevated experience every step of the way, ensuring the job is done right the first time, every time.

## PROCORE: On-Site Collaboration

The implementation of Procore construction management software stands as a pivotal component in EAC's quality control program. This industry-leading project communication and collaboration system operates on a drawing-centric platform, ensuring seamless communication among involved parties.

Using Procore enables the EAC Quality Management System to function more effectively through some of the following features:

- Inspections are performed by the people closest to the work at the physical location where the work is happening, enabling real time measurement and checking of work.
- All specifications, latest revision drawings, contract documents, and possible changes in original requirements resulting from RFIs are available to the inspector while performing the inspection.
- Completed inspections can be marked on the drawings (if deemed necessary) for more clarity on QC work.
- Quality control inspections are available in the system to all parties involved in the project, as soon as the inspections are completed.

# Quality Management System

## Quality Management System (QMS) and Quality Management Procedures (QMP):

EAC's Quality Management System (QMS) represents a comprehensive framework designed to elevate the standards and consistency of our deliverables. It encompasses detailed Quality Management Procedures (QMP) that meticulously outline the strategies, methodologies, and high-level program overview aimed at enhancing product quality for each project.

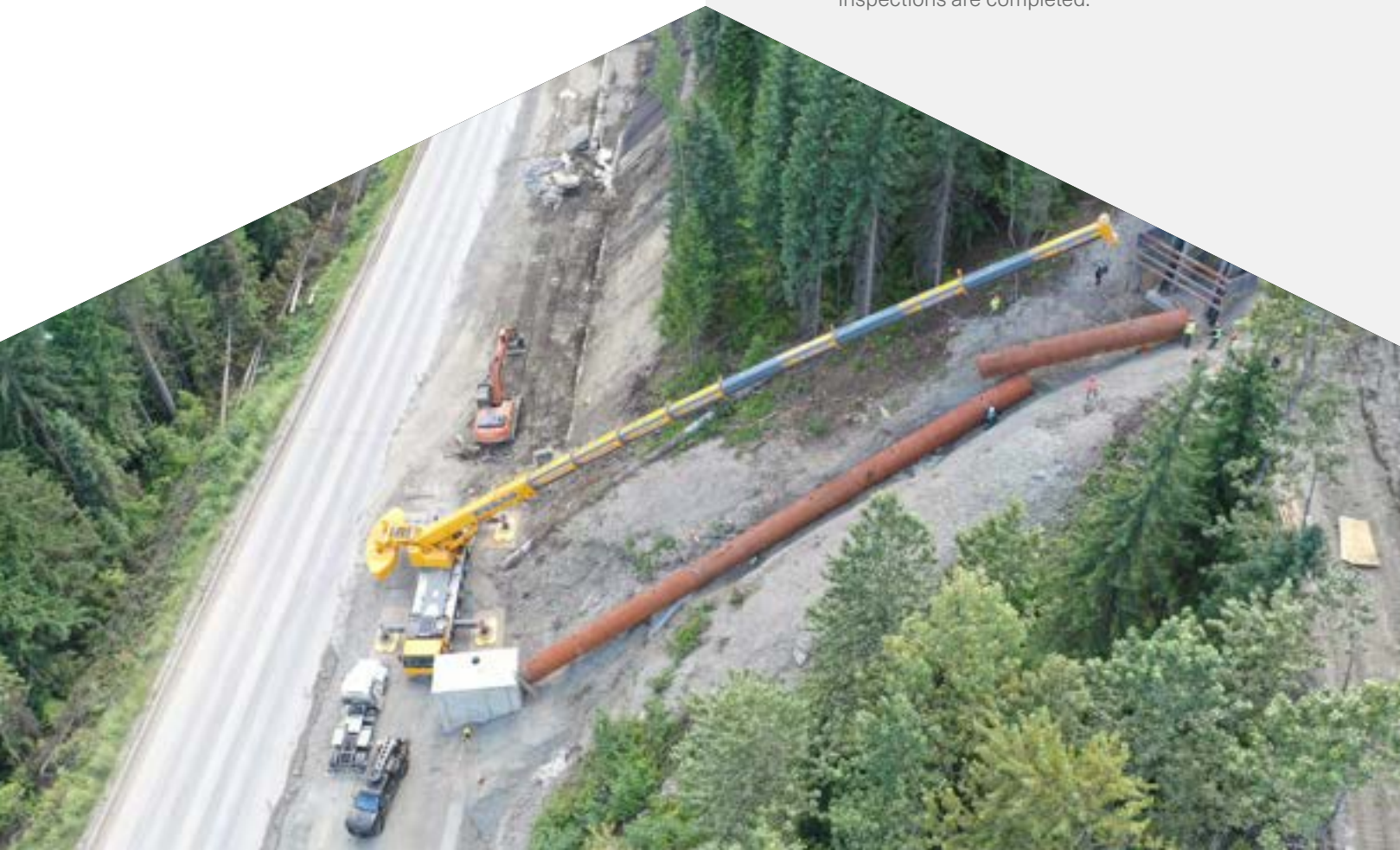
Within our Quality Management Procedures, we delineate the specific processes and activities integral to ensuring that our deliverables consistently surpass client expectations. These documented steps and guidelines serve as a beacon, outlining the fundamental strategies employed within our organization to manage and maintain high-quality standards throughout all project phases.

## Inspection and Testing Plan (ITP):

Our Inspection and Testing Plan (ITP) stands as a pivotal quality management tool designed to guarantee adherence to specified industry standards and project specifications. This plan operates on a comprehensive framework, typically including the following information:

- **Scope of Inspection and Testing** – Clearly defining what aspects of the project, or process will be subject to inspection and testing.
- **Inspection and Testing Methods** – Outlining the methods, techniques, and tools that will be used for inspection and testing.
- **Acceptance Criteria** – Establishing the criteria that must be met for the project and process to be considered acceptable.
- **Responsibilities** – Assigning roles and responsibilities for individuals involved in the inspection and testing activities. EAC believes that quality control is everyone's responsibility, therefore, we have implemented a multi-level quality control process which is comprised of:
  - a. the person closest to the work completes the quality inspection;
  - b. the project's quality control representative reviews and closes the inspection and provides feedback to the inspector;
  - c. the quality manager audits and evaluates the inspections (usually on monthly basis) and provides feedback and direction to the project team.
- **Schedule** – Specifying when inspections and testing will take place throughout the project timeline.
- **Documentation** – Describing the documentation requirements, including reports and records of inspections and test results.

EAC is committed to ongoing improvement of personnel and procedures to enhance the effectiveness of the quality program. Our team continuously looks for potential opportunities for improvement, often identified through frequent audits and having open and transparent quality control processes. EAC ensures that all team members receive ongoing training as needed to maintain their competency in applying quality control processes.



# Indigenous Relationships

Emil Anderson Construction is committed to working effectively, as a trusted partner, alongside Indigenous communities across the province. Our Indigenous Relationships Team takes steps to engage early, build trust and understanding, and develop meaningful relationships with our partners. We actively listen and learn about each community, their capacity, needs and collective goals for our project. Depending on project type, we develop site-specific Indigenous Inclusion Plans that outline our goals, key performance indicators, and tracking as it relates to Indigenous employment and spend.

We focus on maximizing opportunities for Indigenous Peoples on our projects, which may include:

- Consulting with each community to identify specific areas of impact, customizing our program to work effectively for their needs
- Pre-construction readiness training for Indigenous candidates
- Prioritizing recruitment initiatives targeting Indigenous communities, to foster employment opportunities within our team and the wider construction industry
- Access to valuable in-field mentoring programs, training, and career advancement
- Subcontracting opportunities—preferred vendor list for Indigenous businesses
- Giving back initiatives for the community including scholarships, donations, and/or other gifting opportunities
- Participating at community events including Job Fairs, Open Houses, and/or annual events

We believe it is our responsibility to move towards positive reconciliation in Canada and feel that EAC can positively impact Indigenous communities in a meaningful way. Where possible, we look to formalize partnerships and offer long-term economic benefits that leave a legacy for our community partners.



## Important Training

The Illecillewaet Four Laning Project (Highway 1, east of Revelstoke) was the first to implement the BCIB ROI (British Columbia Infrastructure Benefits – Respectful Onsite Initiative). This full day program, which is aimed to reduce discrimination, bullying, and harassment, is now mandatory training for all of our staff.



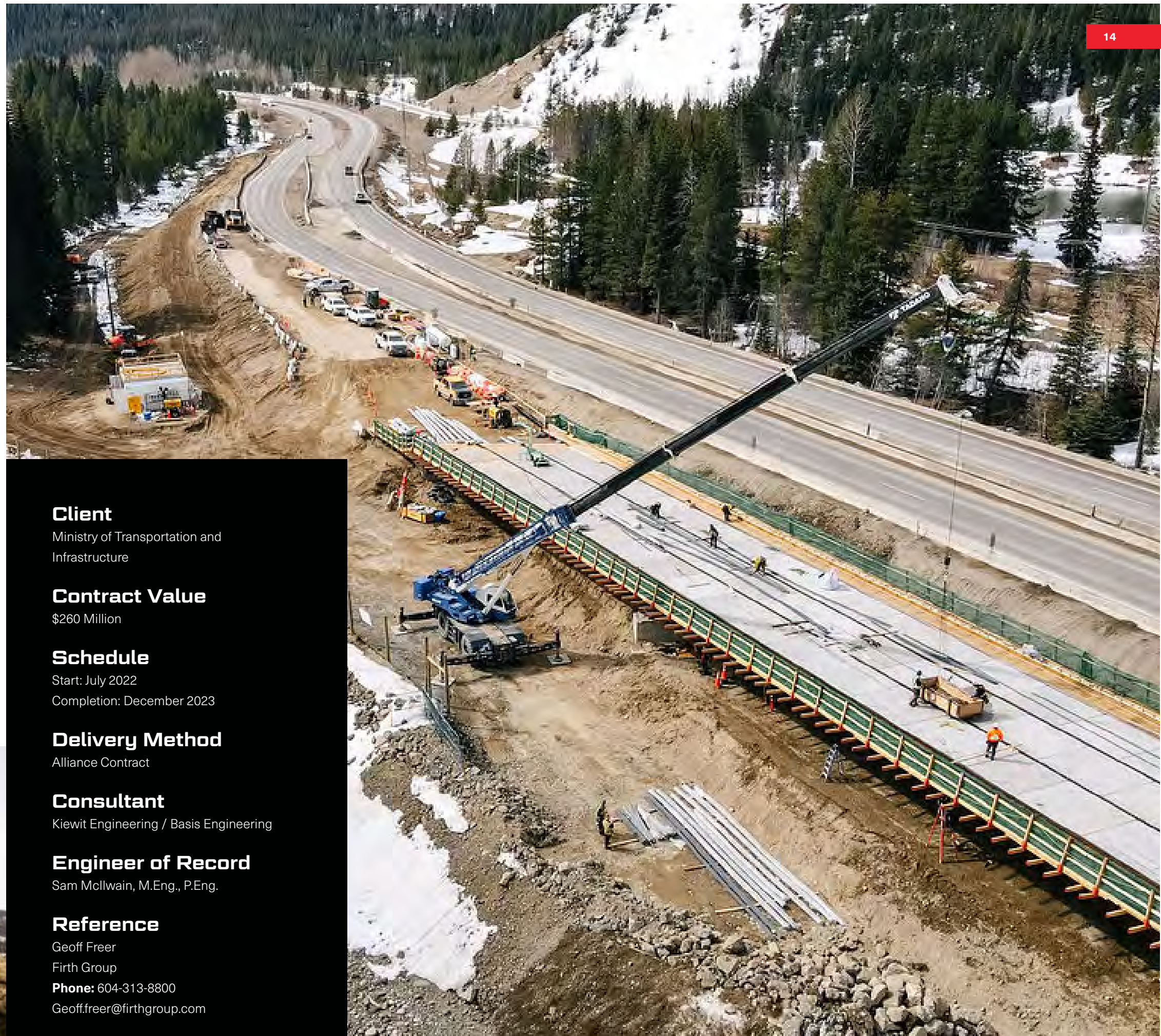
## Making An Impact | Englishman River Kw'a'luxw

Emil Anderson Group recently donated \$5 million of land worth to Nature Trust of BC, to ensure the conservation of the Englishman River Kw'a'luxw including protection of the forest and species at risk on Vancouver Island. This agreement recognizes Snaw-Naw-As (Nanose) First Nation as a rights holder to manage their lands and resources.

## Coquihalla | CAT5 Highway 5, BC

The CAT5 Alliance project between Emil Anderson Construction, Kiewit, and the Ministry of Transportation is a \$260 million project along Highway 5 replacing the permanent bridges that were damaged during the November 2021 storm events. The overall project is ongoing and involves design and construction of 8 bridges, including 2 temporary structures and 6 permanent bridges. Work is being completed 12 months a year in extremely challenging conditions in order to meet the demanding schedule. Current completion of the permanent 4-lanes is scheduled for December 2023.

Juliet Bridge, located 52km South of Merritt, was completed in December of 2022 and was the first of the permanent structures opened on the project. EAC, Kiewit, and Basis Engineering worked collaboratively in order to complete the bridge in extremely challenging conditions and with short timelines. Construction of the bridge started in July 2022 and was fully open to the travelling public by December 2022, including concrete deck pours in early December in very challenging conditions.



### Client

Ministry of Transportation and Infrastructure

### Contract Value

\$260 Million

### Schedule

Start: July 2022

Completion: December 2023

### Delivery Method

Alliance Contract

### Consultant

Kiewit Engineering / Basis Engineering

### Engineer of Record

Sam McIlwain, M.Eng., P.Eng.

### Reference

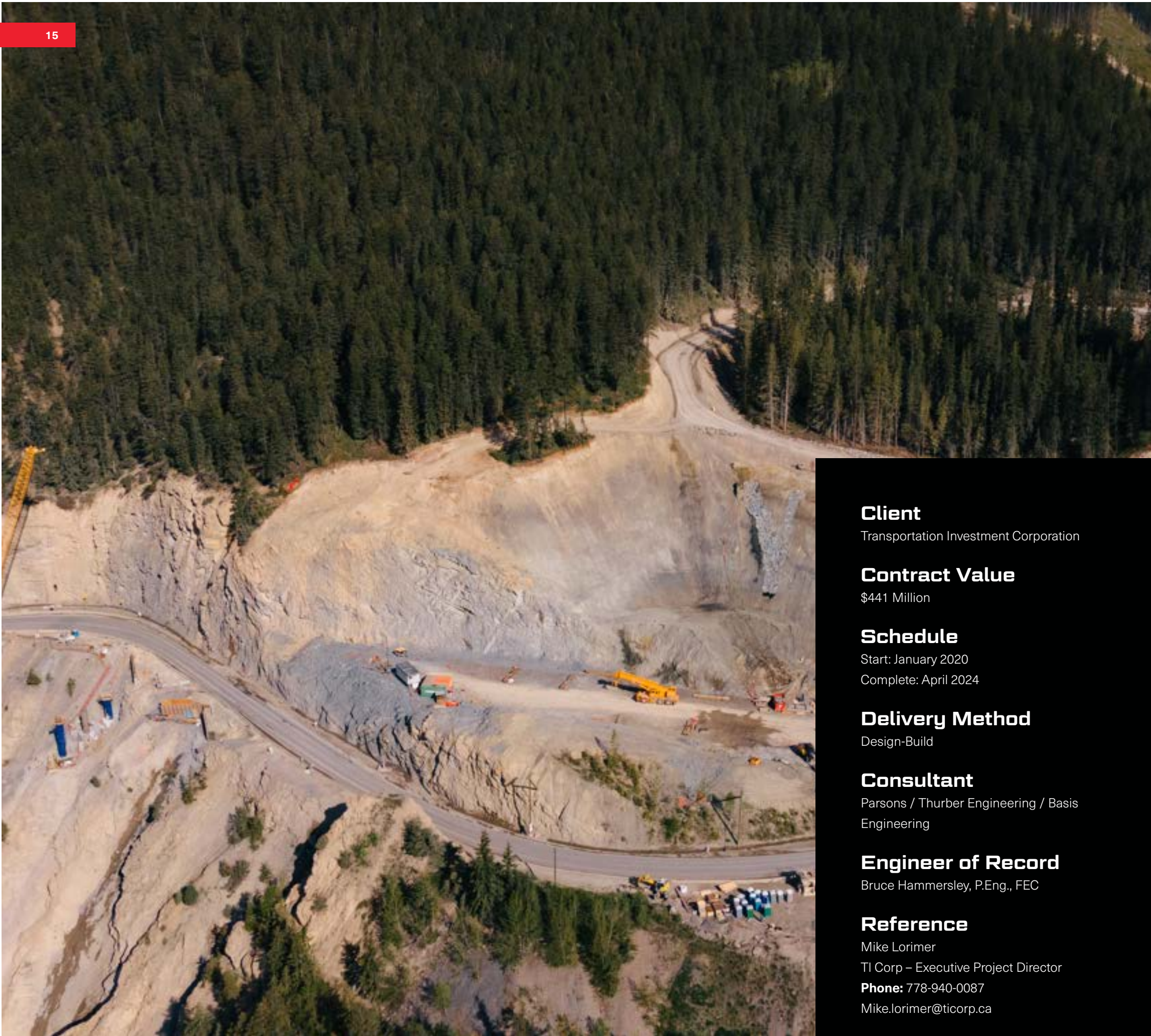
Geoff Freer

Firth Group

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## Kicking Horse Canyon Golden, BC

This \$441M project is the last and most difficult phase of the overall Kicking Horse Canyon project. Phase 4 will bring the remaining 4.8km of narrow, winding two-lane Trans-Canada Highway up to a modern four-lane 100kph standard, and involves the construction of numerous downslope walls and structures located immediately above the CP Rail mainline tracks as well as four separate upslope rock cuts. When completed, the project will total over 1,000,000m<sup>3</sup> of excavated material. Complex staging, Trans Canada transport truck and tourist vehicle volumes, extreme rockfall and avalanche risks as well as protecting the CPR mainline are just a few of the many challenges this project will need to manage through to completion.

There are 14 separate bridge structures on the project, and EAC and Basis Engineering have worked collaboratively on 8 of them. At the current time, 6 of these bridges are in active use and open to the public along the corridor: Lynx, Frenchman's, Elk, Wolf, Grizzly, and Hedgehog. Through the remainder of 2023, the remaining bridge structures on the project will be completed and the corridor will be open to 4 lanes.

### Client

Transportation Investment Corporation

### Contract Value

\$441 Million

### Schedule

Start: January 2020

Complete: April 2024

### Delivery Method

Design-Build

### Consultant

Parsons / Thurber Engineering / Basis Engineering

### Engineer of Record

Bruce Hammersley, P.Eng., FEC

### Reference

Mike Lorimer

TI Corp – Executive Project Director

Phone: 778-940-0087

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# Grading

EAC brings unmatched Provincial award-winning expertise and unparalleled local knowledge to tackle and solve construction challenges.

EAC has successfully completed numerous difficult rock excavations and grading projects. We employ a highly motivated management, supervisory, and support team, who focus on solutions and enhance our reputation for innovation and stakeholder collaboration. The EAC team has the experience and ability to successfully complete all manner of roadbuilding and heavy civil construction projects. Our experience is extensive in all areas of the province in both urban and remote locations.

## HIGHWAY 1 – KAMLOOPS TO ALBERTA

EAC was presented with the Deputy Minister of Transportation & Infrastructure's Grading Excellence Award for the Hoffman's Bluff 4-Laning Project, which involved grading and paving 3.7 km of new 4-lane highway near Chase, BC. The work included grubbing, organic stripping, 378,000 m3 of common excavation and 400,000 m3 of rock excavation, drainage installations, aggregate production, grading, asphalt paving, and several large earth retaining walls. At the onset of the project, EAC redesigned retaining walls and rock excavation slopes to reduce the construction time schedule and overall project costs. The work was successfully completed directly adjacent to the Trans-Canada Highway and the main line Canadian Pacific Railway track. The project was completed in cooperation with the Neskonlith Indian Band.

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# Drill & Blast

Emil Anderson Construction has over the past several decades been considered one of BC's leading drilling, blasting, rock scaling, and stabilization contractors.



EAC employs skilled and qualified drillers and blasters that are certified by WorkSafeBC for all types of blasting requirements. We have safely conducted drilling and blasting in some of the most challenging areas of BC including major highways, active mainline railways, active hydro plants and dams, near sensitive rivers and lakes as well as close proximity to residential buildings. We own a diverse fleet of drilling equipment for general highway construction, from track hydraulic drills to excavator mounted drills for difficult pioneering work. In addition to our in-house drillers and blasters, EAC also employs in-house high scalers and rock bolting and meshing crews.



## Municipal Infrastructure

EAC has installed thousands of kilometres of underground piping, including water transmission and distribution mains, and we maintain a compliment of experienced pipe crews capable of safely and efficiently completing the most complex of pipe installations.

In any given year, EAC typically has four or five projects which include significant underground utility infrastructure, including underground water transmission and distribution mains. These projects include work for municipal clients and EAC's internal land development clients. The scope of these projects includes developing roads and utility infrastructure, including water systems, for over 2,500 properties in Kelowna during the past thirty years.



03



## Land Development

EAC is a trusted and experienced site developer with the capabilities to self-perform all civil work, asphalt paving, aggregate production, traffic control, and surveying.

### SHORERISE – LAKEVIEW COMMUNITY IN WEST KELOWNA

Shorerise is an Okanagan-inspired community overlooking West Kelowna and featuring panoramic lake views. Presented by Emil Anderson Properties and Dilworth Homes, Shorerise is a collaboration between and showcase of the Emil Anderson Group's diverse building capabilities. EAC has lead land development, including site loading, underground utilities, and road building and paving during Phase 1 of this multi-phase community project. The property's challenging hillside terrain is a perfect fit for EAC's specialized capabilities, which was highlighted by EAC's ability to run water mains under Highway 97 to the unserviced site within a 1.5-year timeline. EAC's civil works value is \$20 million in Phase 1. Once fully-complete in January 2024, Phase 1 of Shorerise will feature five showhomes, 16 single-family lots, and 19 villa homesites.

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Since 1987, EAC as Owner/Developer/Contractor has built all the infrastructure to service close to 2,500 homes, including sanitary force main and sanitary gravity main. EAC works include site preparation, excavation/embankment, site servicing, shallow utilities, flatworks, grading, paving, and landscaping. For new home builds, EAC provides all activities associated with the development of roadways, site servicing and paving while the home builder constructs single family and multifamily homes.



## Central Okanagan Paving & Aggregate Sales

Emil Anderson Construction provides its clients with paving and construction services of exceptional quality.

Emil Anderson Construction has two paving divisions. With a stationary asphalt plant in West Kelowna, EAC provides both asphalt paving services and aggregate sales to the Okanagan area. Local paving work includes milling and paving of local arterial and collector roads, parking lots, and miscellaneous utility repair locations.



## Highway Paving

For larger paving projects throughout the Western Provinces, EAC's mobile asphalt team can be deployed to successfully complete paving projects wherever needed.



EAC can supply all materials, labour, and equipment needed for paving. By internally controlling all aspects of paving, EAC has a tighter control on quality and a better overall product for our customers.

Recognized by the industry for the implementation of programs to manage safety, quality, and corporate social responsibility, EAC has received numerous awards, including the Deputy Minister of Transportation & Infrastructure's Contractor of the Year Award. EAC uses innovative and efficient asphalt paving equipment, operated by some of the most experienced asphalt paving crews in BC.

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## Airport Infrastructure

We'll take your aviation project to new heights. Our expertise includes scalable land and airside solutions from minor runway pavement maintenance to major airport upgrades for some of the busiest airports in British Columbia.

Tight timeframes. Specialized design. Demanding safety requirements. Repaving and reconstructing airport runways is one of the most challenging types of construction. Emil Anderson Construction is one of the few contractors in British Columbia with the expertise and experience to handle these technically-sophisticated jobs. Our expert crews, a fleet of advanced equipment, and precise asphalt paving technology enable us to meet unique complexities, specifications, and qualifications required by Canadian regulatory requirements.



07



## VEDDER BRIDGE DESIGN BUILD PROJECT

The existing Vedder Bridge was replaced with a new structural steel tied arch structure, providing increased flood clearance, increased lane widths, and new multi-use pathways. A key element of EAC's strategy for the project was to assemble the bridge on land and launch the bridge into place, thereby minimizing environmental impacts, reducing safety risks, improving quality, and expediting the project schedule. The new alignment was also designed to enable construction of most of the project offline to existing traffic, minimizing traffic disruption to an already congested roadway. This project won numerous awards including the Canadian Design-Build Institute – Award of Excellence (Major Structural Project), and Canadian Construction Association – Innovation Award.

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## Alternate Project Delivery

When engaged on a project, we bring to bear the collective experience of the entire EAC team. This approach helps to achieve benefits that may not otherwise be realized. EAC has consistently worked with project owners to effectively deal with unforeseen site conditions in an efficient and cost-effective manner.

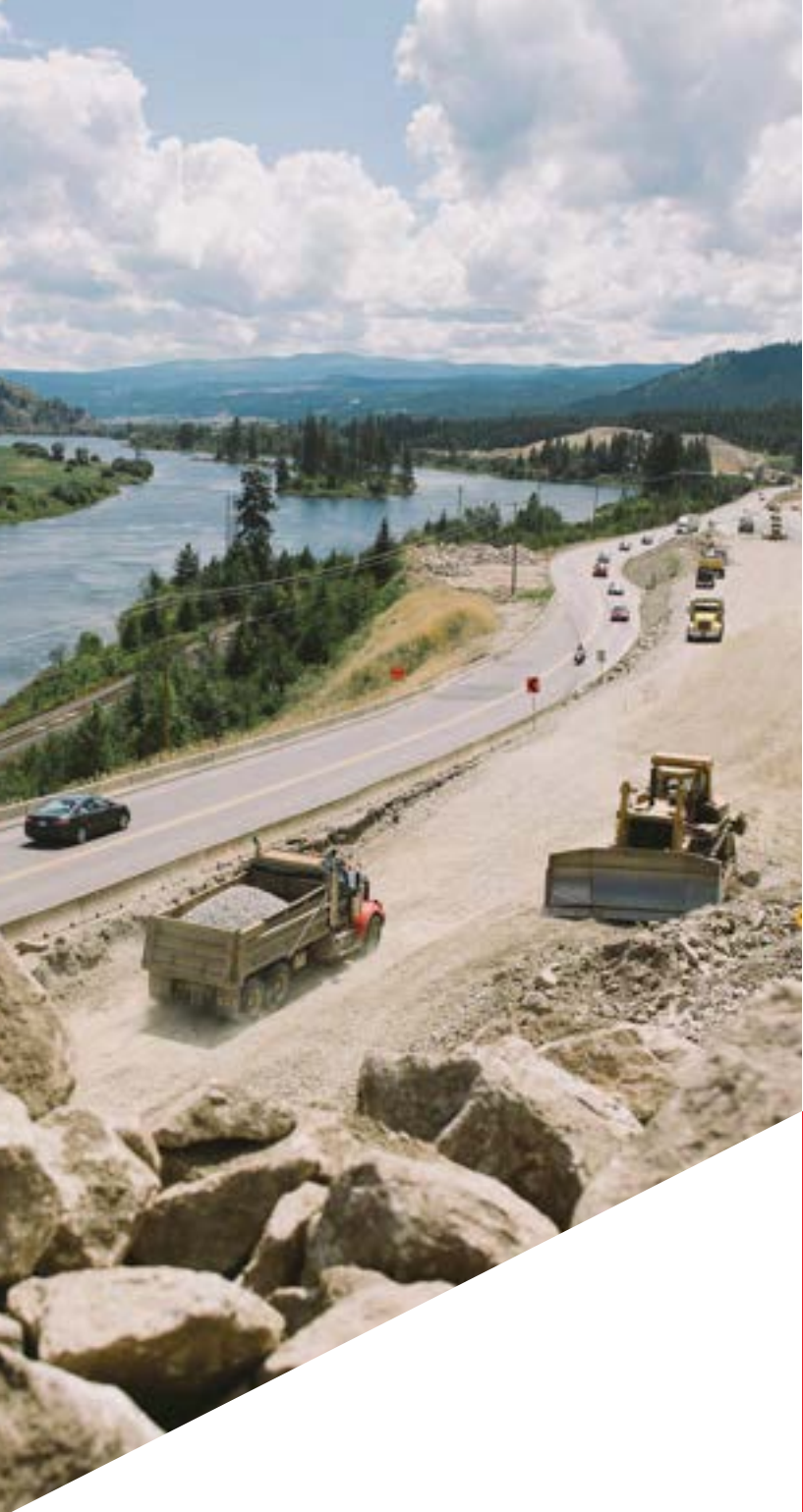


## A diverse group of builders, driven by positive community impact.

<p><b>Infrastructure Maintenance &amp; Construction</b></p>  <p><b>EMIL ANDERSON</b> CONSTRUCTION</p>  <p><b>EMIL ANDERSON</b> MAINTENANCE</p>  <p><b>BALLINA</b> CONTRACTING</p>	<p><b>Land Development &amp; Property Management</b></p>  <p><b>EMIL ANDERSON</b> PROPERTIES</p> <p><b>Residential &amp; Commercial Building</b></p>  <p><b>DILWORTH</b> HOMES</p>  <p><b>GERRY ENNS</b> CONTRACTING</p>	<p><b>Shared Corporate Services</b></p>  <p><b>EMIL ANDERSON</b> EQUIPMENT</p>  <p><b>EMIL ANDERSON</b> AIR</p>
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**85** YEARS  
**EMIL ANDERSON**  
GROUP





## OFFICE

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