

Brent Apesland P.Eng.

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Licenses, Certifications and additional Training

P.Eng.: Licensed Professional Engineer (Alberta and various provinces and territories across Canada).

Certificates for WHMIS, H2S, First Aid. Various MBA Classes U of S. Contract Law, Effective writing, Basic principles of Supervision.

About me

Brent Apesland P. Eng. is a registered professional engineer with over 40 years of experience in the engineering, construction and overall planning and contracts for more than 10 projects with each valued over 1 billion dollars.

Generally, Brent's experience spans Civil aspects of the projects specializing in foundations and structural. He has supervised project teams of over 400 with 11 engineering disciplines. He has a working knowledge of Mechanical and Electrical aspects of projects and has been involved in legal and contractual aspects of most of the project he was involved in. Of the 10 major projects Brent has been involved in all were on schedule and on budget.

Mr. Apesland has a unique experience from working with the NRC on innovation within the construction industry right thru to a hands on approach to supervising in the field. Linking engineering disciplines together with constructability being the focus of management style he has been able to keep cost in line while always meeting budget and schedule. A good example of this was the P3 500 KV AC line from Edmonton to Ft. Mac. Through engineering and cost risk the project was 30% cheaper than existing 240 KV lines that had been built in Alberta in previous years.

Areas of Expertise

Construction and Project management, Cost controls and Estimating, Budgets, Critical path scheduling, Contracts and Contract Management, Claims Management and Legal Process, Quality Control and Systems, Commercial to Heavy Industrial Supervision, Civil Mechanical and Electrical Engineering aspects.

Previous Project Experience

Senior Engineering and Construction support for the 1000 km transmission line from the Lower Church Hill project in Labrador and NFL.

Managed the Engineering, Bid and Execution of the first P3 transmission line in Alberta. 1.24-billion-dollar project for a 500 KV lines from Edmonton to Ft. McMurray. Project was completed in 4 ½ years from design, procurement and execution. This was 2 months ahead of schedule.

Various high voltage projects, substations and lines in the province of Alberta, BC, Saskatchewan, Manitoba and Newfoundland totaling 10 billion plus working with ATCO, SNC, Altalink and Valard for both provincial and private utilities.

Supervised and managed engineering for various oil and gas projects across Western Canada. Manager of Civil Department, Contracts Department and Senior PM role. Supervised 20 professionals and resources to meet budgets and schedules.

Western Irrigation district manager for 7 years. Involved in the rehabilitation of 25% of the district while working with the Province and the Farmers on setting up and overall plan to assure the future of the district. Increased revenue base by 300% through nonagricultural and agricultural user consultation. Worked with the Province and the City of Calgary to litigate stormwater damage to the district with an overall payout of 80+ million.

Supervised Civil aspects of the Saskferco Fertilizer Plant. Managed all Civil aspects of the project with an Engineering staff of 20 and a contractor peaking at 500 personnel. Ultimately, I was hired when the Canadian team had problems on site meeting schedule and the major contractor for the Urea storage building collapsed during construction. Project value was over 1 billion.

Directed contracts and site work at the Shand 300 MW coal fired power plant in Estevan, Saskatchewan. Also worked at Island Falls Hydroelectric during an overall rebuild of the 1929 plant. Was part of the Construction supervision team that built the Nipawin Hydroelectric Plant and finally was part of the team that built the coal fired plant in Coronach, Saskatchewan.

Managed, Engineered and supervised over 10 projects each exceeding 1 billion dollars in value. While my background is Engineering, I consider myself a Construction Specialist making sure both Engineering and Constructability is the prime focus.

Work Experience Summary

2022 – 2023 (Senior Project Manager at Ptag)

Supervising and managing at team of professionals building a substation in New York State for Avingrid.

2017 - 2022 (VP of Engineering and Construction for Elemental Inc.)

Elemental Inc. Working with First Nations across Western Canada on renewable and major power projects. Actively working on Wind farm, Ethanol Plant, Capitol EMAC transmission project and the "Northern Corridor".

2014 – 2017 (Director of Engineering and Major Projects for Valard Construction)

Senior management position supporting the execution of Engineering, CM and PM of several large transmission and substation projects across Canada. Bid, Engineered and helped with the Construction Management of the first P3 project in Alberta.

Work Experience Summary (Continued)**2012 – 2014 (Director of Engineering and Construction for SNC)**

Senior Manager of Engineering group (450 professionals) working on over 1.5 billion dollars' worth of transmission lines and substation in Alberta.

2009 – 2012 (Manager of Engineering and Construction for ATCO Electric)

Senior Manager of Engineering group (250 Professionals) working on over 1 billion dollars' worth of transmission lines and substations in Alberta.

2004 – 2009 (Manager of Civil Engineering and Construction at Equinox Engineering)

More than 30 Oil and Gas projects across Western Canada. Specialty work managing foundation designs, earthworks, Piling and Civil Structures. Team of 15 with focus on costs and constructability.

1999 – 2004 (Manager of Operations and Engineering at Burnco Rock Products)

Responsible for the day-to-day operations of the Burnco Precast Division. Built the packaging plant for Burnco bagged products in Western Canada. Supervised a team of 100 tradespersons and professionals. Helped build the team into profitability within 8 months.

1991 – 1999 (General Manager of the Western Irrigation District)

Directly responsible for the management of the Western Irrigation District with 30 employees and an annual budget of 4.5 million. Reported monthly to a 5 member Board of Directors made up of the 400 farmer owners. Revenue base increased by 300% over the 8 years along with significantly rebuilding the infrastructure that was over 100 years old.

1989 – 1991 (Civil Manager for Udhe)

Supervised and carried out site engineering work for the Saskferco fertilizer Plant at Belle Plaine, Saskatchewan. Team included 17 personnel supervising the Civil Contractor's on site. Managed all heavy lifts over 50 tons as well as all buildings and underground infrastructure.

1981 – 1989 (Civil Engineer at Saskpower)

Part of the Major Projects group building the Coronach coal fired power plant, the Nipawin Hydroelectric Project, the Island Falls rebuild of a 1929 hydro plant and the coal fired Shand Plant in Estevan, Saskatchewan.