



**Kam Sotani, M.Sc., P.Eng.
Senior Structural Engineer
Principal**



Kam Soltani holds a BSc. and MSc. (1985) in Structural Engineering.

He has been doing engineering work worldwide for the last 25 years and specifically in British Columbia and Alberta for the last 7 years.

Kam holds professional designations from the Association of Professional Engineers of British Columbia (APEGBC), Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA) and the Iranian Association of Structural Engineers

Kam is experienced in structures in seismic regions. His field experience coupled with his strong technical background and administrative abilities allow him to devise and implement plans effectively.

He regularly attends educational courses and is certified in the following disciplines:

- Seismic Assessment of Schools in B.C. – APEGBC, B.C.
- Computer Aided Project Management – MS Project, Act E, Ontario
- Cost of Quality – QMI, Ontario

In recent years he has been completing numerous construction engineering and bridge design projects in Alberta & British Columbia.

Summary of his work experience follows:



Allnorth Consultants Limited, 2005-2008

Senior Structural Engineer, Project Manager

1. Single Family Residential Buildings.

- 667 Sylvan Ave., North Vancouver, BC,
- 105 Oceanview Rd., Lions Bay, BC
- 309, West 27th Street, North Vancouver, BC,

2. Building Inspection/Certification/Report.

- 12 story Delta Hotel in Richmond, Elephant & Castle Pub Inspection/Damage/ Repair Report in Richmond, on Shopping Mall in Houston BC.
- Canfor pulp mill inspection and extensive repair design

3. Industrial Building.

- Canfor platforms,
- Maple Leaf Construction Mechanical Shop in Prince George.
- Soya Bean Silo Foundations, Santiago Cuba

4. Bridge Construction Engineering/ Quality Management / Overload Review.

- Serpentine River,
- Birch Island,
- Greenville Creek,
- Andigwaali Bridge
- Waskahigan (Alberta),
- Bow River (Alberta),
- Little Smoky (Alberta),
- Donjeck (Yukon).
- Duke Energy Chetwynd Pipeline Overpass Construction Engineering.

5. Bridge Structural design/Overload assessment

- Ladore Dam Maintenance Bridge for heavy Cranes in Nanaimo, BC,
- Bridge overload assessment of SYD Road bridges in BC including Fort Nelson River bridge with more than 400 meters length

Bridge overload assessment for Ministry of Forests and Range, BC

M. Milligan & Associates Ltd., 2001-2005

Senior Engineer

1. Structural Design and complete inspection of Single Family Residential Buildings

Structural design and complete inspection of numerous buildings.

2. Water Reservoir & treatment Building, Saratoga, BC & Waste water treatment reservoirs, Golden, BC

Structural design of covered reinforced concrete water tanks single and double cells.

3. City Furniture Building, Kamloops.

Structural design of 2 x 66000 SF, 2 stories 6 meter height each, 33x40 feet span composite building with a wide variety of structural details i.e. 12 meters tall reinforced concrete back wall, anchored to soil.

4. Weyerhaeuser Pulp Mill, Kamloops.

Structural Design of Fertilizer tanks, reinforced concrete containment pools, numerous maintenance platforms, Industrial buildings, cranes, fall protection systems, and complete maintenance and repair of Buildings.

5. Trapper's Landing and Wood Haven Buildings, Sun Peaks

Structural design & inspection. Each project consisting of 13 - four stories residential buildings in Sun Peaks ski resort,

6. Sterling Crane Building, Kamloops

Structural design of steel Industrial & Office building.

7. Petro Canada Convenient Store & Gas Station together with containment systems.

- Structural design and coordinating of professionals for convenient store and gas stations in Prince George and in Quesnel.
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8. Bridge design, Clearwater & Kamloops

- Structural design of suspended pedestrian bridge, for Ministry of Lands & Parks and
- Structural design Fishtrap Creek bridge for MOT.

Iran, 1982-2000

Junior/intermediate/Senior Engineer – Design Build

1. Industrial Buildings.

Machine shops and plants up to 1000,000 square feet area, textile factories, Reinforced Concrete water reservoirs (12000 m3)

2. Medium Rise Reinforced Concrete & Steel Buildings.

Iran, 1985-1988

University Instructor/ Deputy of Lab of Testing & Materials

1. Instructor

Concrete Technology, Reinforced Concrete Design

2. *Deputy of Lab of Testing & Materials*

Test & Research on Steel and Concrete.

3. Author

Construction of steel & concrete structures, Concrete formwork design, Site management