



1A, 820 - 28 Street N.E.
Calgary, Alberta T2A 6K1
Telephone: (403) 273-5868
Fax: (403) 273-5957
geotechnical@curtisengineering.ca

CURTIS ENGINEERING ASSOCIATES LTD.

Curtis Engineering Associates Ltd. is an Alberta company providing geotechnical and materials engineering services plus testing laboratory facilities including a Canadian Standard Association certified concrete testing laboratory in Calgary. The following are some of the services that we offer.

➤ **Geotechnical Services**

Foundation investigations with field drilling and testing for buildings, industrial plants, gas plants and compressor stations, highways, dams and other earth work projects. Slope stability investigations with slope indicator and piezometer installations. Vibration monitoring for pile driving and blasting projects. Pile installation inspections and pile design.

➤ **Soils Testing**

Laboratory and field testing facilities. Compaction control testing on residential/ industrial subdivisions, highways and roads utilizing nuclear equipment. Bearing inspections, sulphate (alkali) tests, percolation and water table tests and resistivity surveys. (Mobile laboratories available)

➤ **Concrete Testing**

Compressive Strength tests on cylinders, design of concrete mixes, plant calibration, coring, impact hammer and ultrasonic testing. CSA approved testing facilities and personnel. Inspections for reinforcing steel placement.

➤ **Asphalt Pavements**

Marshall mix designs, thickness design, coring and analysis, field inspections and supervision. Pavement investigation and evaluations, Benkelman Beam testing equipment. Testing analysis of liquid asphalts.

➤ **Miscellaneous Inspections and Testing**

Air photo interpretation to evaluate site conditions and gravel pit locations. Field drilling and sampling for gravel pit investigations. Investigations for arbitration and insurance claims.

➤ **Environmental Engineering**

Phase I Environmental Site Assessments, Phase II Environmental Site Assessments, Phase III site clean-up and monitoring, field drilling and testing.

All work is supervised by Professional Engineers with experienced technicians employed in all phases of the work. We will be glad to supply you with additional information on request and to assist you with engineering and testing on any of your forthcoming projects.