

Since 2000, ParklandGEO has undertaken a wide range of urban road and Provincial highway projects including geotechnical investigations, pavement designs, foundation design, traffic assessments, pavement management studies, failure investigations and construction testing/monitoring services for pavements, earthworks and transportation structures. The range of projects that our company personnel have had experience with includes: roads, bridges, overpasses, tunnels, culverts, high embankments, problem soils and landslides. Past project sites are located across Alberta and northeast British Columbia.



SIGNATURE PROJECTS

City of Red Deer North Highway Connector Project (2013-present) -The City of Red Deer North Highway Connector Project is a multi year, 8 km long bypass expressway around the east side of Red Deer. ParklandGEO has performed multiple geotechnical investigations, settlement analysis and monitoring and road pavement design for this project. The value of this project is \$125M and there has been \$500,000 worth of consulting to date.

Bezanson Interchange and Overpass Project (2015-present) - the Bezanson Interchange project is located at the intersection of Highway 43 and Highways 733/670. This project consists of a 1500 m long highway road section with four 1000 m lone on and off ramps, and a overpass for Highways 733/670 over Highway 43. ParklandGEO has provided geotechnical investigation and consulting services for this project which is currently awaiting construction.

Alberta Transportation's Red Deer Interchange Project (2016-present) - the Red Deer Interchange project is a 3 year, \$100M project which consists of 5 new bridge structures and two overpasses for Highway 2 over two arterial roads, and 8 km of primary highway construction. ParklandGEO is provided full QC testing and geotechnical consulting during the construction of this project.

Other Major Road Projects:

Alberta Transportation's Highway 13:16 Improvement and Climbing Lane Construction - This project included about 46,000 tonnes of ACP placement and construction. Performed all QA testing and consulting during construction.

Parks Canada Highway 93 South Improvements Project - Performed all QA testing and consulting during construction.

City of Red Deer Taylor Drive and Ross Intersection - Geotechnical Assessment, QA testing pavement design and evaluation.

City of Red Deer Taylor Drive and 19th Street Intersection - Geotechnical Assessment, QA testing pavement design and evaluation.

City of Red Deer 55th Street Improvement Project - Geotechnical Assessment, QA testing pavement design and evaluation.

City of Red Deer 67th Street and 30th Avenue Roundabout Project - Geotechnical Assessment, QA testing pavement design and evaluation.

City of Red Deer 67th Street and Johnstone Roundabout Project - Geotechnical Assessment, QA testing pavement design and evaluation for concrete pavement construction.

Highway 21, north of Highway 16 Bridge Replacement, Strathcona County - Concrete and gravel fill testing for bridge replacement and rehabilitation, Alberta Transportation.

Grande Prairie 100th Avenue Rehabilitation and Streetscapes Upgrading (Phase 3 and 4) - Geotechnical and Pavement Assessment.

Grande Prairie 68th Avenue Twinning and Road Upgrade - Geotechnical and Pavement Assessment, concrete, GBC and asphalt testing.

Grande Prairie 92nd Street Road Upgrading - Geotechnical and Pavement Assessment, concrete, GBC and asphalt testing.

Whitecourt Airport Taxiway Rehabilitation, Woodlands County, AB - Geotechnical Assessment and ACP Construction Testing, Alberta Transportation.

2013 Highway 2 Overlay Program, near Olds, AB - Pavement Testing and construction consulting

Highway 14:14 and Main Street Intersection Improvements, Wainwright, AB - GBC and ACP Construction Testing, Alberta Transportation.

Highway 55 at RR214, Athabasca, AB - Geotechnical Assessment, Borrow Pit evaluation.

Embankment Replacement SH 575 (BF 76482), Carbon, AB - Geotechnical Assessment, Construction Testing (road, slope, culvert).

Northland Drive - NHC Project, Red Deer - Geotechnical Assessment (road, slope, bridge).

39th Street Upgrade, Camrose - Geotechnical and Pavement Assessments.

Highway 11 Rutting Study, Rocky Mountain House - Pavement Assessment, Construction Testing.

34th Street Arterial, Lacombe, AB - Geotechnical Assessment, Construction Testing.

101st Avenue Reconstruction, Grande Prairie, AB - Geotechnical and Pavement Assessment.

Veteran's Boulevard Arterial, Airdrie, AB - Geotechnical, Pavement and Traffic Assessments, Construction Testing.

North Taylor Drive Extension/CP Rail Overpass, Red Deer, AB - Geotechnical Assessment, Construction Testing (road, bridge, MSE wall, U/G services).

Waskasoo Creek Bridge, Red Deer County - Geotechnical Assessment, Construction Testing.

Johnstone Drive Expressway, Red Deer - Geotechnical and Pavement Assessments.

Highway 27 - Netook Intersection, Olds - Geotechnical Assessment, Construction Testing.

32nd Street Arterial Upgrades, Red Deer - Geotechnical and Pavement Rehabilitation Studies.

Campsite Road, Parkland County - Geotechnical Assessment, Construction Testing.

32nd Street/Gaetz Avenue Intersection, Red Deer - Geotechnical and Pavement Assessments.