



Michael Walker, P.Eng., PE, PMP
Senior Project Manager

Michael is a Trusted Advisor to his clients, a Civil Engineer, a certified Project Management Professional (PMP) through the Project Management Institute, and a certified RPAS Pilot. Michael has 17 years of consulting and construction experience over a large variety of projects including new construction, Local Improvements, municipal subdivisions, and infrastructure rehabilitation.

Education

- B.Sc., Civil Engineering (Environmental Engineering Option), University of Alberta, 2009
- Arctic Engineering, University of Alaska Anchorage

Employment History

- 2020 – Date: Associated Engineering
- 2015 – 2020: McElhanney Ltd
- 2014 – 2015: Morton & Jagodich Inc.
- 2009 – 2014: AMEC
- 2008 – 2009: E Construction Ltd.
- 2003 – 2007: Stantec Consulting

Professional Societies

- Project Management Institute (PMP)
- Association of Professional Engineers and Geoscientists of Saskatchewan
- Engineers and Geoscientists BC
- Association of Professional Engineers and Geoscientists of Alberta
- Association of Consulting Engineering Companies Canada
- Association of Consulting Engineering Companies - Saskatchewan
- Consulting Engineers of Alberta
- Fédération Internationale des Ingénieurs-Conseils (FIDIC)
- Texas Board of Professional Engineers

WATER AND SEWER REHABILITATION EXPERIENCE

- Sewer Trunk Inspection, City of Saskatoon, SK: Project Manager for the inspection and reporting of multiple sewer trunk lines through Saskatoon, totaling almost 10 km. The condition assessment will be used for prioritization of asset funding and replacement projects for the overall system. Working with Culebra and Aquacoustics, McElhanney is performing planning, analysis, and reporting. Completed: 2020
- Infrastructure Improvements, Town of Unity, SK: Project Manager for this local improvement project contained within an overall program to evaluate and prioritize municipal renewals throughout the town. Main Street was the first section to go to construction following the design of multiple phases. New underground mains, services, storm drainage and asphalt make this project a great asset to the residents and the town. Completed: 2019
- Peace Park Rehabilitation - Marina Seawall, Waterton Lakes National Park, AB: Project Manager to rehabilitate the Peace Park and expand the parking lot, located in the Waterton townsite. The team needed to work around multiple constraints, of which changing water levels, and environmental coordination for concrete pours in proximity to the lake were of utmost concern. Working with the ESO this high risk work was performed without issues. Ongoing sedimentation checks are performed, and coordination with the ESO for vegetation issues is a requirement. Site design incorporated wildlife safety, as well as animal education elements to enhance visitor experience. Completed: 2019

MUNICIPAL INFRASTRUCTURE EXPERIENCE

- Equity Park Low Pressure Lines, Beaver County, North of Ryley, AB: Construction Inspector for the installation of directionally drilled low pressure lines for sewer and treated water to a new industrial development. Road and Highway Crossings, survey and clearing were required to achieve success. Completed: 2010
- Summerset (Multiple Phases), Edmonton, AB: Site Inspector and surveyor for multiple new development projects including main and services of storm, sanitary, and water line installations, roads and sidewalks for municipal subdivisions. Ensuring that construction followed design and performing layout and as-built surveys.
- Terwillegar (Multiple Phases), Edmonton, AB: Site Inspector and surveyor for multiple new development projects including main and services of storm, sanitary, and water line installations, roads and sidewalks for municipal subdivisions. Ensuring that construction followed design and performing layout and as-built surveys.
- Kincora (Multiple Phases), Apex, Calgary, AB: Site Inspector and surveyor for multiple new development projects including main and services of storm, sanitary, and water line installations, roads and sidewalks for municipal subdivisions. Ensuring that construction followed design and performing layout and as-built surveys.
- Coventry Hills (Multiple Phases), City of Calgary, AB: Site Inspector and surveyor for multiple new development projects including main and services of storm, sanitary, and water line installations, roads and sidewalks for municipal subdivisions. Ensuring that construction followed design and performing layout and as-built surveys.
- McKenzie Towne (Multiple Phases), City of Calgary, AB: Site Inspector and surveyor for multiple new development projects including main and services of storm, sanitary, and water line installations, roads and sidewalks for municipal subdivisions. Ensuring that construction followed design and performing layout and as-built surveys. Completed: 2009
- Young's Beach Access Road and Boat Ramp, Lac La Biche County, AB: Construction Inspector and Project Manager for the design and construction administration of access improvements and boat

launch and RV dumpsite for Young's Beach. The road required safety improvements for geometry and sightlines. Construction of a new access road, boat launch and municipal servicing for the resort of Young's Beach. The project included roadway, municipal, surface drainage design and construction inspection. Completed: 2011

- Rabbit Hill Road, City of Edmonton, AB: Surveyor and Construction Inspector for upgrading the geometry and approach to the overpass with Anthony Henday Drive, the road required upgrading from a rural to an urban cross-section, as well as changes to the structure. Deep fills required slope staking and monitoring of embankment construction during the project. Completed: 2007

PARKS AND RESORT INFRASTRUCTURE EXPERIENCE

- Rock Creek Campground, Grasslands National Park, SK: Project Manager for the expansion of the existing campground required new electrical, water supply and treatment, storm water management, and sanitary installations. The project encompassed multiple phases, including the drilling of a new well, construction of the new water treatment plant, and the construction of the campground sites. Completed: 2019
- Ski Resort Snowmaking System, Ochapowace First Nation, SK: Project Manager for the analysis of the existing municipal servicing for the resort, and the design and construction of a new water supply, and snow making system. Completed: 2019
- Avalanche Mitigation, Parks Canada Agency, Glacier National Park, BC: Project Engineer for several avalanche mitigation projects in the Rogers Pass area of Glacier National Park to reduce Network Closures and Delays. This area is a critical link between Alberta and British Columbia, through which the Trans Canada Highway and the Canadian Pacific Railway traverse. The Pass is home one of the most densely concentrated cluster of avalanche paths in the world, forcing many closures along the highway and railway during winter months and endangering local wildlife. The work included the design and installation of snow Nets and Remote Avalanche Control Systems. Michael assisted in early Project Management, Tendering and Specifications of the projects. Completed: 2019

- Unity Swimming Pool – Owner’s Engineer, Town of Unity, SK: Project Manager working as the owner’s engineer for the Town to ensure that the town’s interests were considered through the warranty phase of the new pool construction. Completed: 2018

TRAFFIC ENGINEERING AND TRAFFIC SAFETY EXPERIENCE

- Traffic Counts, Town of Unity, SK: Project Manager performed overall traffic counts and analysis to enable the council to make sound decisions for the Local Improvements. Production of an overall map of traffic volumes which could then be used for the pavement structure designs of improvements, and also to prioritize improvement scheduling. Completed: 2017
- Cowessess Mixed Use Site TIA, V3 / Cowessess First Nation, Yorkton, SK: Project Management for the development of a mixed use site in Yorkton including new underground utilities. McElhanney completed the Traffic Impact Assessment to ensure the project could continue the approvals process. Completed: 2018
- Lake Louise Transit System, Parks Canada Agency, Lake Louise, AB: Visitation through Lake Louise townsite, Moraine Lake and the resort are high in the summer, with frequent closures of the roadways due to parking limitations and visitor safety. As Project Manager, this ongoing project analysed the movements through the park on peak times, and investigated and designed intersection improvements, parking lots, and a Transit system. Completed: Ongoing
- Hwy 35 & 335 Intersection Safety Analysis, Ministry of Justice, SK: Project Manager for the Safety analysis of the intersection and roadway following the fatal collision involving the Humboldt Bronco’s hockey team.

P3 / ALTERNATE DELIVERY EXPERIENCE

- Warman & Martensville Interchanges, Saskatchewan Ministry of Highways and Infrastructure, SK: Utilities Manager and Project Engineer for the Design Build of two interchanges in Saskatchewan under a Design Build Model. Working with Kiewit, McElhanney performed the survey, drainage and utilities management of the

overall project, as well as the design of the Martensville Interchange. Completed: 2019

- Regina Bypass, Ministry of Highways and Infrastructure, Regina, SK: Utilities Manager - Area 3 / Project Engineer: Working as part of RBDB, we performed the survey, drainage, utilities management and design of the Early Works and Area 3 (Tower Road to Balgonie) components of the ByPass. Completed: 2018
- West Calgary Ring Road, Alberta Transportation, Calgary, AB: Utilities Manager – Owner’s Engineer – DB2: Working as part of the Owner’s Engineering team, we reviewed utilities management and relocations for City of Calgary Utilities as well as private owned utilities. Completed: Ongoing

HIGHWAYS EXPERIENCE

- Hwy 263 Paving, Parks Canada Agency, Prince Albert National Park, SK: Project Manager for the rehabilitation of the 48 km scenic parkway within Prince Albert National Park. The project was challenging to design as the historic route winds through the forest, encountering many trailheads and water crossings. This environmentally sensitive project had many value components including wildlife, habitat and visitor experience restriction. Completed: 2016
- Grasslands Scenic Roadway, Parks Canada, Grasslands National Park, SK: To enable visitors to access, learn and appreciate the unique ecosystem, Parks Canada Agency challenged McElhanney to design a parkway in the East Block that would allow access to the attractions and viewpoints, while minimizing impacts to the wildlife and overall ecosystem. As Project Manager, the Award Winning 10.4 km scenic road design focused on a single lane, dual direction paved surface, flush to the ground, and used existing historical trails to reduce disturbances. Completed: 2019
- Hwy 5 & 6, Parks Canada Agency, Waterton Lakes National Park, AB: Project Manager for the rehabilitation of the major highways through Waterton Lakes National Park enables visitors and international trade to pass through the park. Geotechnical challenges were encountered, which required strategic design to overcome. Completed: 2016
- Lake Louise Transit System, Parks Canada Agency, Lake Louise, AB: Project Manager Visitation

through Lake Louise townsite, Moraine Lake and the resort are high in the summer, with frequent closures of the roadways due to parking limitations and visitor safety. As Project Manager this ongoing project analysed the movements through the park on peak times, and investigated and designed intersection improvements, parking lots, and a Transit system. Completed: Ongoing

- Bison Paddock Road Improvements, Parks Canada, Waterton Lakes National Park, AB: Project Manager Existing roads through the Bison Paddock were severely damaged and required rehabilitation. The project included the design and tendering of structural improvements to the roadway within the Paddock. Completed: Ongoing
- Hwy 88:10 / Hwy 88:10 & 12 / Hwy 88:12, Alberta Transportation, North of Red Earth, AB: Construction Inspector and Project Engineer for the construction of 3 new separate projects for a highway through various ground conditions including muskeg and northern forests. Site work included balance grading, crushing, GBC, ACP, signage, guardrail, and paint of the two 44 km sections (88 km total).
- Ken Baker Road (Phases 2, 3 & 4), Cenovus, Cold Lake Air Weapons Range, AB: Construction Inspector and Project Engineer for the design and construction of highway upgrades and safety improvements located on the CLAWR. Design constraints included tight corridor, with adjacent high voltage power and high pressure pipelines that could not be relocated. Site work included balance grading, crushing, GBC, ACP, signage, guardrail, and paint. Completed: 2012
- Hwy 867, Alberta Transportation, South of Helena, AB: Construction Inspector for the upgrading of the existing rural highway to a paved surface. 10.8 km of gravel road to paved roadway. The project included deep fills and large diameter culverts, culverts, drainage improvements and structural upgrades. Completed: 2010

INDUSTRIAL TRANSPORTATION EXPERIENCE

- North Saskatchewan Pump Station Road, Daylight Energy, Warburg, AB: Project Engineer for the design and construction of an access road located on the bank of the North Saskatchewan River. Slope failures and landslides had cut off access to the critical site and access was required to be designed and constructed in under 2 weeks. Outfalls and

drainage into the river were rehabilitated. Completed: 2011

- Nexen Access Road, Enbridge, South of Ft. McMurray, AB: Project Engineer for construction under a roadway caused a failure in the road, and rehabilitation of an access road was required to enable access for modules scheduled to use the route in a week. Temporary roadways were constructed as bypasses, and reconstruction utilized geotextiles and local aggregate sources. Completed: 2013
- Oversize / Overweight Mod Crossings, Laricina Energy, Northern AB: Site Engineer for inspection and monitoring of multiple bridge structures during the crossings of multiple oversize and overweight Oil & Gas Modules being moved to site. The project required overnight mobilization and moves of the structures to reduce the likelihood of traffic delays.

RURAL MUNICIPALITIES INFRASTRUCTURE SERVICES EXPERIENCE

- Adanac Bridge to Culvert, RM of Round Valley, SK: Project Manager for the Bridge to Culvert design and construction management. The crossing south of Adanac required removal of old structures, and design of new 3-pack of CSP culverts. Completed: 2020
- Round Valley Bridge to Culverts, RM of Round Valley, SK: Project Manager for the Bridge to Culvert design and construction management. Two crossing required removal of old structures, and design of new multi-pack CSP culverts. Completed: 2018
- Gargus Gravel Pit Investigation, Lamont County, AB: Project Engineer for the field investigation of gravel sources, estimating, delineation, and reporting to ensure accurate budgets could be allocated. Completed: 2011
- Grading Program, County of Minburn, AB: Designer and Construction Inspector for the design and construction inspection of multiple County road upgrades with multiple contractors. Roads included large diameter culverts and Bridge Files, drainage improvements and structural upgrades. Completed: 2011
- Twp 515 A, Beaver County, North of Ryley, AB: Construction Inspector for the design and construction inspection of 6 miles of County road upgrades. Roads included large diameter culverts,

drainage improvements and structural upgrades. Completed: 2010

- RR 15-5, County of Newell, Rosemary, AB: Construction Inspector for the upgrading of 10.8 km of gravel road to paved roadway. Working with multiple pipelines (oil and water) as well as the Eastern Irrigation District's Canal, the road included culverts, drainage improvements and structural upgrades. Completed: 2010
- Equity Park Intersection Improvement, Beaver County, North of Tofield, AB: Construction Inspector for the upgrade of an existing intersection to handle increased industrial traffic for new developments. Site included a deep fill through an existing pond. Multiple design vehicles required specific geometrics and roadway upgrades. The project included a directional drill of a large diameter steel pipe, culverts, drainage improvements and structural upgrades. Completed: 2009
- BF 77280, County of Minburn / Alberta Transportation, AB: Construction Inspector for the bridge to culvert including the removal of the existing structure, inspection of new large diameter culverts, installation and monitoring of new large diameter culverts. The project also included drainage improvements and roadway safety upgrades. Completed: 2011
- BF 00485, County of Minburn / Alberta Transportation, AB: Construction Inspector for the bridge to culvert including the removal of the existing structure, inspection of new large diameter culverts, installation and monitoring of new large diameter culverts. The project also included drainage improvements and roadway safety upgrades. Completed: 2011
- Plamondon Fire Lane, Lac La Biche County, Plamondon, AB: Construction Inspector for the design and construction inspection of a new fire emergency access lane to provide access to school and residents in Plamondon. The project also included drainage improvements and roadway upgrades. Completed: 2011

RPAS OPERATIONS (PILOT) EXPERIENCE

- Weldon Ferry Towers – Ministry of Highways and Infrastructure, North of Weldon, SK
- Ski Resort Snowmaking System, Ochapowace First Nation, SK

- Hwy 39 (Pursuit) - Ministry of Highways and Infrastructure, Weyburn, SK
- Grasslands Scenic Roadway, Parks Canada, Grasslands National Park, SK McLean Water Treatment System Upgrade, Village of McLean, McLean, SK
- Deer Valley Playground, Hamlet of Deer Valley, SK

INDUSTRIAL EXPERIENCE

- Fort Nelson Gas Plant – Frost Heaving Initiative, Enbridge (Spectra Energy), Ft Nelson, BC: Frost heaving is causing multiple operations issues at the Gas Plant. As Project Manager, survey and 3D scans of the site, as well as RPAS survey accurately determined the existing conditions and over 1000 pile elevations for a baseline for differential movement to be monitored. Design of active drainage was conducted after it was discovered that high water table was causing the majority of the issues on the site. Reduction of heaving has been achieved in multiple areas of the plant, with ongoing work progressing through different segments. Completed: Ongoing
- Fort Hills – E&T and OPP, BIRD / Suncor, North of Fort McMurray, AB: As Project Manager through MJI we provided survey, inspection and Pile Dynamic Analysis (PDA) for thousands of piles installed for the multiple sections of the project. Working to high levels of accuracy, the survey and PDA assisted production and ensuring that the piles achieved their required capacity. Completed: 2014
- Sturgeon Refinery – Units 50 & 60 – Technicas Reunidas, NWR, Redwater, AB: Project Manager for the survey, inspection and Pile Dynamic Analysis (PDA) for piles installed for units 50 & 60 of the project. Working to high levels of accuracy, the survey and PDA assisted production and ensuring that the piles achieved their required capacity. Completed: 2014
- Windy Flats Substation, Altalink, Fort MacLeod, AB: Project Manager for the survey, inspection and Pile Dynamic Analysis (PDA) for piles installed for the substation providing renewable windpower to the Alberta grid. Working to high levels of accuracy for battered and vertical piles, the survey and PDA assisted production and ensuring that the piles achieved their required capacity. Completed: 2014
- Lower Churchill Transmission Line, Nalcor, Goose Bay, Labrador & NFLD: Project Manager for the

survey, geotechnical investigation, inspection and Pile Dynamic Analysis (PDA) for piles installed for the worlds longest transmission line project. Working to high levels of accuracy for battered and vertical piles across various terrain, the survey and PDA assisted production and ensuring that the piles achieved their required capacity for the transmission towers. The project also included materials testing and structural analysis of the components. Completed: 2015

WATER RESOURCES / RIVER ENGINEERING EXPERIENCE

- Waterton Marina Seawall, Parks Canada Agency, Waterton Lakes National Park, Alberta: Existing foundations were crumbling and sheet piles were rusted through, providing insufficient support for the new park improvements. As Project Manager, the project included non-destructive testing, investigations, survey, design, geotechnical drilling, and multiple foundation types including cast in place footings, screw piles and sheet piles. Changing water levels, and environmental coordination for concrete pours in proximity to the lake were of utmost concern. Siltation and isolation for multiple installation types in water were required. Working with the ESO this high risk work was performed without issues or damage to habitat. Completed: 2019
- Weldon Ferry, Ministry of Highways and Infrastructure, North of Weldon, SK: Project Manager / RPAS Pilot / Design of new towers for the Weldon Ferry located on Hwy 302 north of Weldon. The project includes geotechnical drilling, foundations, ropework, design and project management. The site was mapped in 3D using RPAS to provide options for tower locations. Completed: Ongoing
- North Saskatchewan Pump Station Road, Daylight Energy, Warburg, AB: Project Engineer for the design and construction of an access road located on the bank of the North Saskatchewan River. Slope failures and landslides had cut off access to the critical site and access was required to be designed and constructed in under 2 weeks. Outfalls and drainage into the river were rehabilitated. Completed: 2011
- Flood Relief Program – Drumheller Health Centre, AHS, Drumheller, AB: Flood risk management was required for the Community Health Center, as the location's proximity to the Red Deer River and the elevation of the structure could cause issues during flood events. Construction of a vegetated berm along the bank with a walking path to integrate the asset into the surroundings was achieved, and work with Transport Canada to ensure access to the Heli-pad was not compromised. As Project Manager, overland drainage was enhanced through the site to ensure that surface runoff would not be impounded along the back of the berm, and flow control devices were installed through the berm. Completed: 2016
- Elbow River Erosion Protection, City of Calgary – TI, AB: Following the 2013 flood events, the outer bank of the Elbow River across from the Stampede grounds was severely damaged. The slope, TransCanada Trail and the river all required separate components to achieve success. As Project Manager working closely with multiple stakeholder groups, the project included multiple design techniques over the 1.9 km bank including a LPSTP toe, soil anchors and geotextiles, Class 3 Riprap, and the first vegetated log cribwall in Calgary. The vegetated log cribwall was located at critical Brown Trout breeding habitat, which was enhanced following the destruction from the flood. Multiple outfalls and drainage patterns were also required to be rehabilitated. Completed: 2014
- Erosion Protection Program, City of Calgary – TI, AB: Project Engineer for the Erosion Protection Program. Following the 2013 flood events, significant volumes of blasted rock were supplied to the City of Calgary through a centralized contract to be able to supply the multiple projects throughout the city. Inspection of the rock for size, type and quality were required to ensure the rock would meet the needs of the program and reduce risk. Completed: 2014
- Vermilion River Erosion Protection, County of Minburn, Vegreville, AB: Project Manager / Scour was damaging a rural road which provided access to local residents and farms. Rehabilitation of the area using geotextiles and Class 2 and 3 RipRap was required to ensure the slope stability and keep the road operational.
- Stability Analysis, Parks Canada, York Factory National Historic Site, MB: Project Manager for site stability concerns arose due to accelerated thawing of permafrost as well as severe erosion of the river bank caused by tidal action and large sheets of ice,

threatening to cause structural damage to the foundations of the structure. Site stability was analyzed, and impacts and risks projected. Climate Change Analysis contributed to Permafrost Analysis which then resulted in an overall risk for the structure, with cost estimates for multiple remediation options. Deliverable was a report outlining the potential options and costs, provided to the Field Unit.

- EID Canal Rehabilitation, Eastern Irrigation District, Scandia, AB: Project Engineer / Construction Inspector for the survey and field inspection of canal rehabilitation. Vegetation and siltation were restricting flows and required to be surveyed prior to and after removal. Ensuring positive drainage between structures was critical to ensure the efficient use of water in the district. Completed: 2014

WATER & WASTEWATER EXPERIENCE

- McLean Water Treatment System Upgrade, Village of McLean, SK: Project Manager for the analysis of the existing water treatment system and sizing of a new green sands system. The project also included survey and assistance to McLean for the sizing and construction of a new building for the plant. Completed: 2020
- Wastewater Treatment System, Soneera, Unity, SK: Project Manager, working with Soneera for the installation of their new mem-free technology, McElhanney performed sanitary flow monitoring and design for new installation. Completed: 2019
- Equity Park Water Line, Beaver County, North of Ryley, AB: Project Manager for the design and construction of a new water line for commercial clients in a new industrial park. The project included the use of trenchless technology to install the systems. Completed: 2013
- Rock Creek Water Supply, Grasslands National Park, SK: Project Manager for the Rock Creek Campground which required a new water supply as the existing supply was not potable and treatment was not economical due to the raw characteristics. New supply was investigated in a different deeper aquifer, and a design for a new well as produced. Low flow characteristics of the new aquifer required careful pump calibration, but resulted in high quality supply. Completed: 2017
- Rock Creek Water Treatment System, Grasslands National Park, SK: Project Manager for the Rock Creek Campground which required a new treatment facility for the new water supply to meet PCA's water quality guidelines. Treatment in the remote area was designed to be robust and economical, with the system tying into the distribution system previously installed. Capabilities for winterization and electronic logging capabilities were also part of the project requirements. Completed: 2019

ENVIRONMENTAL EXPERIENCE

- County Yard Reclamation, County of Newell, Brooks, AB: Various contaminants were discovered, and both in-situ and removal techniques were used to remediate the property. As Project Engineer, on-site delineation and sampling for confirmation of contamination limits was performed. Completed: 2013
- Shepard Landfill, City of Calgary – Waste Services, Calgary, AB: Project Engineer for multiple projects at the landfill required additional drainage improvements and access road construction. Existing cells were surveyed and impacts to cells was minimized. Surface Drainage as well as leachate collection systems needed to be adjusted and rehabilitated to ensure the impacts of the landfill were kept within the approved area. Vapour and odor testing was also performed to minimize disruption to residents in the surrounding areas. Completed: 2013

ADVISORY & TEACHING EXPERIENCE

- 2020 FIDC Future Leaders Management Program, Geneva, Switzerland: Mentor to strengthen the business expertise of Young Professionals in the consulting industry, FIDIC (Fédération Internationale Des Ingénieurs-Conseils) offers a management program which provides a cost effective method for obtaining this learning throughout the world. Content includes consulting firm setup, profit, contracts, HR and succession planning, Business Development, Project Management, Quality Management & ISO, Liability and Risk, Integrity Management, and Sustainability Management. Michael is part of an international team of professionals delivering this training over e-learning platforms, remote conferencing, and in-person networking in Geneva. Completed: 2020

PUBLICATIONS

- Alberta Innovators – Corporate Culture During Tough Times - Spring 2016.
- Alberta Innovators – Change is the new normal – Fall 2015.

PRESENTATIONS

- ACEC National Leadership Conference 2019 – Ottawa
- FIDIC International Infrastructure Conference 2018 – Berlin
- FIDIC International Infrastructure Conference 2016 – Morocco
- ACEC Summit 2015 – Ontario
- ACEC Summit 2014 – Manitoba
- ACEC Summit 2013 – Alberta
- ACEC Summit 2013 – Alberta (Pannel)
- ACEC Summit 2012 – PEI

ADDITIONAL EXPERIENCE

(FUTURE REFERENCE INFORMATION - ADD RELEVANT INFORMATION TO FIRST PAGE IF DESIRED)

Michael is a Trusted Advisor to his clients, a Civil Engineer, a certified Project Management Professional (PMP), through the Project Management Institute, and a certified RPAS Pilot. Michael has 17 years of consulting and construction experience over a large variety of projects including new construction, Local Improvements, municipal subdivisions, and infrastructure rehabilitation. He has provided advisory services, consulting design services and construction management for infrastructure projects including asset management, roads, urban developments, highways, bridges, culverts, piling foundations, institutions, gas plant infrastructure (underground, piping, electrical, mechanical), water resources, water lines, electrical transmission, geotechnical, and contaminated sites across Canada. Michael has worked with a diverse set of clients and stakeholder groups including Municipalities, Rural Municipalities, National, Provincial and Municipal Governments, Military, Energy / Oil and Gas Companies, Contractors, Public Interest Groups, Environmental Agencies, and Aboriginal Communities.

Michael has delivered a large number of successful projects on schedule and on or under budget through challenging situations and conditions. He promotes effective communication from the start of the project and uses project management systems to ensure that the projects stay on track. Risk identification and management are integrated into the projects to ensure risks are identified, quantified and managed to meet the client's risk profile.