CATTERALL & WRIGHT
CONSULTING ENGINEERS

Municipal Engineering Services

Since 1965

CATTERALL & WRIGHT | CONSULTING ENGINEERS

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Infrastructure Studies

Wastewater Systems

Our **MISSION** is to provide personal engineering services to municipalities, developers, government agencies, First Nations and industries. The **STRENGTH** of our team is **our people**, who are committed to providing the right **SOLUTIONS** for you.

Reliable

Community Planning

Drainage & Storm Water Management

Practical

UAV Surveying

Transportation Services

CATTERALL & WRIGHT
CONSULTING ENGINEERS

Honest

Water Distribution

Asset Management

Surveying & Inspection

Water Treatment Plants

Trustworthy

Commercial & Industrial Servicing Plans

Land Development

Feasibility Studies

We aspire to be THE most **RESPECTED** and **TRUSTED** municipal engineering firm in our industry.

Pumping Stations

Our Partners

Shaun McLeod, Phil Shilling, Carleen Bartel, Ryan Rogal, Brett LaRoche

Who We Are

Catterall & Wright was established in Saskatoon in 1965 by Fred Catterall, P.Eng. and Don Wright, P.Eng. The current partners and staff continue to offer professional civil engineering services to municipalities, land developers, government agencies, First Nations, general contractors, architects, and industries in Saskatchewan. Both Fred and Don promoted being a team player, maintaining high standards, taking pride in your work, and providing customers with practical design at reasonable cost; principles we continue to follow today. Located in Saskatoon, our firm employs a growing full-time staff of 24 with seasonal staff joining our team as needed.

The key to our long-term relationships with clientele is our ability to provide clients with reliable, quality personal service. We are a locally owned business and take great pride in the relationships we maintain with our clients.
The strength of the team is our carefully selected staff members; a mix of experienced senior engineers, intermediate and junior support staff who are well versed in current engineering technology and analytical software. We are skilled in effectively communicating our practical designs and will lead you through your project from start to finish.

Our partners and staff strive to provide courteous, personal service with unique and innovative solutions for all municipal infrastructure systems.
We are dedicated to providing civil engineering services with our technical expertise and invite you to contact us for your next project.

Engineering

Catterall & Wright is registered to practice the field of Civil Engineering in the provinces of Alberta, Saskatchewan and Manitoba. We offer a wide range of municipal engineering services including, but not limited to the following:

- Asset management programs & studies
- Infrastructure planning & capacity studies/system modelling
- Feasibility studies
- Conceptual design
- Topographical, sonar & unmanned aerial vehicle (UAV) surveying
- UAV aerial photography
- Preliminary design
- Detailed design
- Engineered drawings & construction specifications
- Construction opinions of probable cost
- Project tendering & tender results analysis
- Contract administration
- Construction surveying
- Resident engineering (observation/layout) services during construction
- Project management

Infrastructure Systems

At Catterall & Wright, we pride ourselves on our practical infrastructure solutions. The following are some of our areas of specialization:

- Water treatment plants
- Water distribution & supply pipelines
- Water storage & pumping stations
- Wastewater pumping stations
- Wastewater collection, treatment & disposal
- Storm water management systems
- Landfills & solid waste management
- Residential, commercial & industrial land development
- Computer modelling of water distribution, sanitary sewer & drainage systems
- Roadways & parking lots
- Infrastructure rehabilitation
- Earthwork modeling for site grading & drainage

Transportation Services

Our Transportation Division offers a wide range of transportation planning and traffic engineering services to both the public sector and private sector clients. Our Senior Transportation Engineer has over 20 years of consulting experience with multinational firms in Saskatchewan, Alberta and Dubai, UAE.

We are proud to offer a complete array of transportation services including:

- Traffic Impact Studies & Modelling
- Multi-modal Transportation Planning, Feasibility Studies & Demand Management
- Development Planning
- Traffic Modelling, Simulation, & Signalization
- Parking Studies
- Active Transportation
- Traffic Surveys & Data Collection
- Transportation Master Plans

Community Planning

As communities grow and change, we recognize the need for planning in the public and private sector. Planning is a necessary component of a successful project, whether it's a new subdivision or creating policy. Our Senior Planner has over 11 years of consulting experience in Saskatchewan.

"A well thought out plan includes a balanced approach to the environment, the economy, infrastructure, and community well-being. Only then will you see a project come to life that everyone is proud of."

Our community planning services include:

- Acquisition & Due Diligence Studies
- Market Studies
- Urban Master Planning
- Development Feasibility
- Transportation Masterplans
- Highest and Best Use Analysis
- Development Proforma
- Plan of Proposed Subdivision
- Development Approvals
- Zoning Bylaws & Amendments
- Official Community Plans & Amendments
- Municipal Planning Advisory
- Downtown Planning
- Country Residential Planning
- Public Consultation & Engagement

Cutting Edge
Equipment & Software

Surveying

Catterall & Wright has the team and cutting edge equipment to handle all your surveying requirements. Instruments used to conduct topographical and construction surveys include:

- Global Positioning System (GPS) instruments
- Standard and Robotic
- Total Stations
- Levels and Transits
- Unmanned Aerial Vehicle (UAV)

Design

Our team is also equipped with the industries latest Design Software including:

- Synchro traffic modelling software
- Bentley Watergems & Hammer Pipeline modeling software for water systems
- XPSWMM & XPCulvert modelling software for sanitary sewer systems, storm water & culvert design
- Pix4D & 3D Reshaper for digital photogrammetry processing (UAV surveys)
- Autodesk Civil 3D & Autodesk AutoCAD
- Transoft Solutions Autoturn & Torus vehicle simulation software
- Global Mapper GIS software for surface contours & watershed delineation

Employment Opportunities

Employment

We are always on the lookout for talented individuals with qualifications in municipal design and construction administration. Submit your resume and cover letter to resumes@cwce.ca for future consideration.

Catterall & Wright offers work placements and internships for students in civil engineering, technologists and drafting related programs.