PEOPLE. PROJECTS. PLANET.

Innovative Solutions for Complex Challenges

RVA

OUR SHARED VALUES.

Our shared values are timeless. They serve as the basis for every decision we make and the actions we take, enabling us to deliver impact how and where it matters most for our clients, people, and society.

PEOPLE

We believe in the power of individuals to unleash transformative results. The relationships we build with each other are what give meaning to our work and our purpose. So, we show up with empathy, openness, and understanding for people. We share our goals, achievements, setbacks, and celebrations. We bring our whole selves to our work, and we value and support that in each other.

QUALITY

We aspire to be the best in what we do. We're motivated to contribute to our clients' success, make a lasting impact on our communities, and maximize the potential of our people by performing to the best of our ability. No matter what role we play, we aim to work better and think bigger. This drive fuels the commitment and confidence that runs deep in our service offerings.

ACCOUNTABILITY

We say what we are going to do, and we do what we say. Accountability means acknowledging and accepting your responsibilities. It means producing results that your clients and colleagues need, and living our values every day. But at RVA, we take it a step further. As an employee-owned company, everyone has an opportunity to think and work like an owner.

SUSTAINABILITY

Sustainability compels us to continually examine how our actions today will create a future reality that we can look forward to. For our clients, it means the work we do today will deliver real, lasting results. For our people, it means giving them the opportunities they need to grow and thrive. For our communities, it means taking the lead on local and global issues, such as climate change and equity gaps.

INTEGRITY

We aren't trusted because our firm has existed for over 75 years; we have existed for over 75 years because we have earned that trust. Integrity is the foundation of everything we do at RVA, and it's what allows us to live by our core principles of people, quality, accountability, and sustainability. Nothing is more important than the bonds of trust that we have built with our clients, communities, and people.

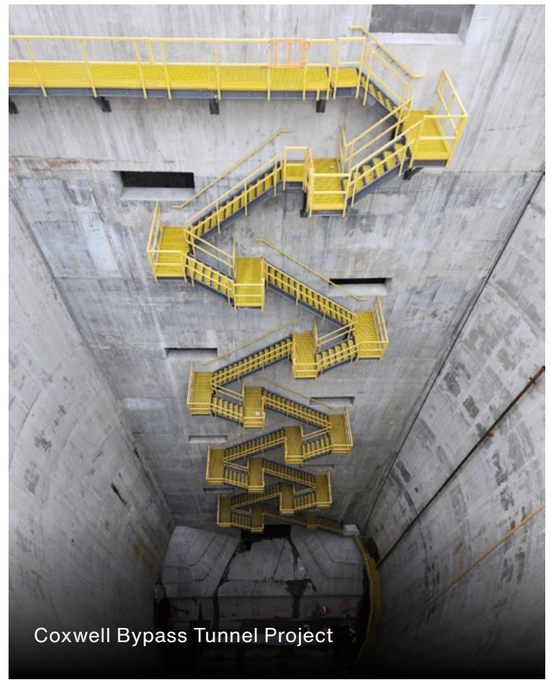
INNOVATIVE LIFECYCLE SOLUTIONS.

We apply integrated solutions across the project and asset lifecycle with well-developed tools and methodologies that can be configured across every phase to pave the way to success.

SOLUTION	DESCRIPTION	AREAS OF EXPERTISE
APPLICATIONS	We offer a comprehensive and scalable end-to-end package of applications that can be tailored to facilities of various types, including environmental, industrial, commercial, institutional, specialty, and residential.	• Electrical • Geographic Information Systems • Instrumentation & Control • Mechanical • Modeling
BUILT ENVIRONMENT	RVA is accelerating the shift towards circular models in our built environments by exploring bold and innovative ideas that will restore and regenerate our communities.	• Specialist Structures • Structures • Tunnels + Shafts
MOBILITY	We're helping our clients reimagine their existing transportation assets and land uses as healthy mobility ecosystems that don't just evolve amidst change, but drive it.	• Active Transportation • Roads + Highways • Signals + Illumination • Transit • Transportation Planning • Transportation Structures
SUSTAINABILITY	We cut through the environmental, social, and governance pressures around sustainability to help clients quantify the risks, spot the opportunities, and create an impact that lasts.	• Climate Change • Ecology • Environment • Water Resources
URBAN TRANSFORMATION	We bring a turnkey approach that helps clients achieve returns in high-impact areas of our communities, all while promoting sustainability and modernizing our infrastructure.	• Community Development • Infrastructure
WATER	Since we designed our first water storage reservoir in 1948, we've engineered modern solutions for age-old challenges in our water systems for over 130 communities.	• Conveyance • Pumping + Storage • Resource Recovery • Treatment
RVA ARCHITECTURE	RVA Architecture offers a truly integrated, cross-functional suite of capabilities to help our clients reimagine the possibilities in architectural design and transformation.	Learn more about RVA Architecture at **https://rvanderson.com/solutions/rva-architecture/**

Auberge on The Park

Grand River Freshwater Mussel Relocation


Coxwell Bypass Tunnel Project

THE RVA WAY.

Our approach makes us who we are: a tight-knit community of experienced, agile professionals who are focused on creating meaningful impact.

We consider clients as part of our team.

The way we structure our client relationships brings you right into the fold, so that you'll be in the loop every step of the way. We consider your project a team effort: equally balanced between you, us, and your stakeholders. Everyone on your project takes ownership, and a collaborative spirit means the best idea for your project always wins, no matter who came up with it.

Your time is an asset: thoughtfully leveraged and carefully managed.

Your need for results is real. By engaging with RVA, we'll take you through a focused, well-defined process that gets you results. Whether it's automating data and control processes, democratizing decision-making, or building an agile team, we accelerate the path to clear outcomes and make the most out of our every client interaction.

We build powerful teams to solve the toughest problems.

Our cross-functional teams bring extensive experience in complicated projects, and we love solving complex design and permitting challenges. We believe in setting realistic expectations, meeting your schedule, and finding an approach that suits your needs, objectives, and budget. No project is too small or too complicated for our team.

We deliver bespoke solutions with personalized service.

Many firms assign project leaders with staff that you never get to meet and billing hours that you never get to see. Not with RVA. You'll have one dedicated point of contact that returns your calls and emails. They'll have access to our deep pool of expertise and knowledge, all while ensuring you have one trusted person you can reach out to whenever you have a question.

MAKING AN IMPACT THAT MATTERS.

Every project is a chance to leave things a little better than we found them, and we take that responsibility seriously.

INGERSOLL WASTEWATER TREATMENT PLANT

Client
Oxford County

Location
Toronto, ON

Awards
Project of the Year, Historic Restoration / Preservation (2018)
Ontario Public Works Association

Description
Aligning wastewater treatment capabilities with current and projected growth can unleash a city's potential. We partnered with Oxford County to overhaul its infrastructure in ways that support community growth now, and down the road.

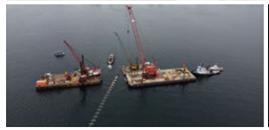
DEEP LAKE WATER COOLING (DLWC) SYSTEM

Client
Enwave / City of Toronto

Location
Toronto, ON

Awards
Sustainable Development Impact Award (2025)
Association of Consulting Engineering Companies of Ontario

Description
Sustainability meets innovation beneath the surface of Lake Ontario in a city where the need to cool homes, infrastructure, and commercial buildings continues to grow. Our work with Enwave and the City of Toronto has helped expand the DLWC system that serves our communities now and for generations to come.



ALTON VILLAGE STREETSCAPING

Client
Peel Region

Location
Caledon, ON

Awards
Project of the Year, Transportation (2020)
Ontario Public Works Association
Green Cities (2021)
Friends of the Credit Conservation Awards

Description
RVA led the streetscaping and road reconstruction of two arterial roads in Caledon's Alton Village to improve speed control, lighting, and safety measures. The project resulted in safer roads, drainage improvements, and a beautified public space for residents.

GOULDS SEWAGE FORCEMAIN / PUMPING STATION

Client
City of St. John's

Location
St. John's, NL

Awards
Engineering Excellence Award (2023)
Association of Consulting Engineering Companies of Newfoundland and Labrador

Description
The City of St. John's delivered a major wastewater upgrade in three phases: construction of a sanitary trunk sewer, construction of a sewage forcemain, and the replacement of the area's existing pumping station. The goal was to support long-term development, reduce environmental impact, and provide better service for residents and businesses.

"The most rewarding part of my job is working on a project's design for many months, then seeing it actually being built and visiting the facility when it is in use."

APPANA LOK
Process Engineer

DESERONTO WATER TREATMENT PLANT

Client
Town of Deseronto

Location
Deseronto, ON

Awards
Project of the Year, Historic Restoration / Preservation (2019)
Ontario Public Works Association

Description
Sustainable development is driven by efficient infrastructure and reliable facilities. We worked closely with the Town of Deseronto to make that real at an aging and underperforming water treatment plant.

ELSIPOGTOG FIRST NATION COMMUNITY SCHOOL

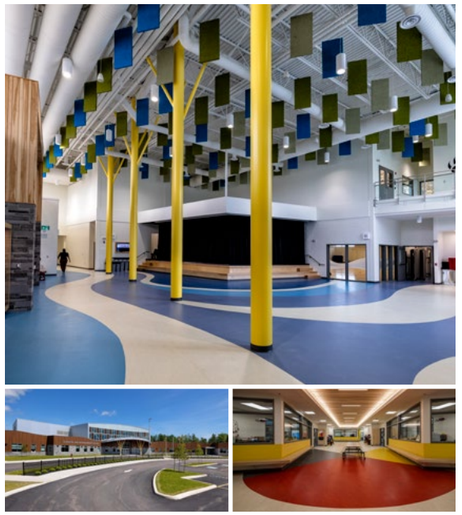
Client
Foulem Construction

Location
Elsipogtog First Nation, NB

Awards
Award of Merit, Lieutenant Governor's Award of Excellence in Architecture (2022)
Architects' Association of New Brunswick

Power of Collaboration (2022)
Association of Consulting Engineering Companies of New Brunswick

Description
Schools represent important ways for communities to come together and explore a world of possibility. We partnered with Foulem Construction to create structural designs for the Elsipogtog First Nation Community School; a modern facility designed with students' needs in mind.



CHERRY STREET STORMWATER FACILITY

Client
Waterfront Toronto

Location
Toronto, ON

Awards
Excellence in Innovation in Civil Engineering Award (2023)
Canadian Society for Civil Engineering

Governor General's Medal in Architecture (2022)
Royal Architectural Institute of Canada

Governmental Leadership in Sustainable Infrastructure Award (2014)
Canadian Society for Civil Engineering

Award of Excellence (2013)
Association of Consulting Engineering Companies of Ontario

Infrastructure Award (2012)
Ontario Concrete Awards

Award of Excellence (2011)
Canadian Architect

Description
Sustainable design helps us use less, and conserve more. We teamed with Waterfront Toronto to develop an environmentally-minded stormwater conveyance system that now features prominently within one of the world's largest waterfront renewal projects.

A culture where people can thrive

AN AWARD-WINNING CULTURE.

Our culture is built on the flexibility, opportunity, and collaboration that we need to perform at the highest standards of our practice.

YOU ARE MORE THAN JUST A NUMBER.

We grow and innovate together, not apart. We connect the dots between the unique skills that we each bring to the table and position our people to maximize their potential within a greater network. Our seamless structure, free from silos, enables us to create cross-disciplinary experiences and solutions across all lines of business.

WE ARE NOT YOUR AVERAGE ENGINEERING FIRM.

We have no interest in silos, bureaucracy, and meticulously measured efficiency. Our people get to personalize their RVA experience with ongoing opportunities for learning, fun, creativity, and meaning at work. And while we take the responsibility our clients place in us very seriously, we're not afraid to laugh together.

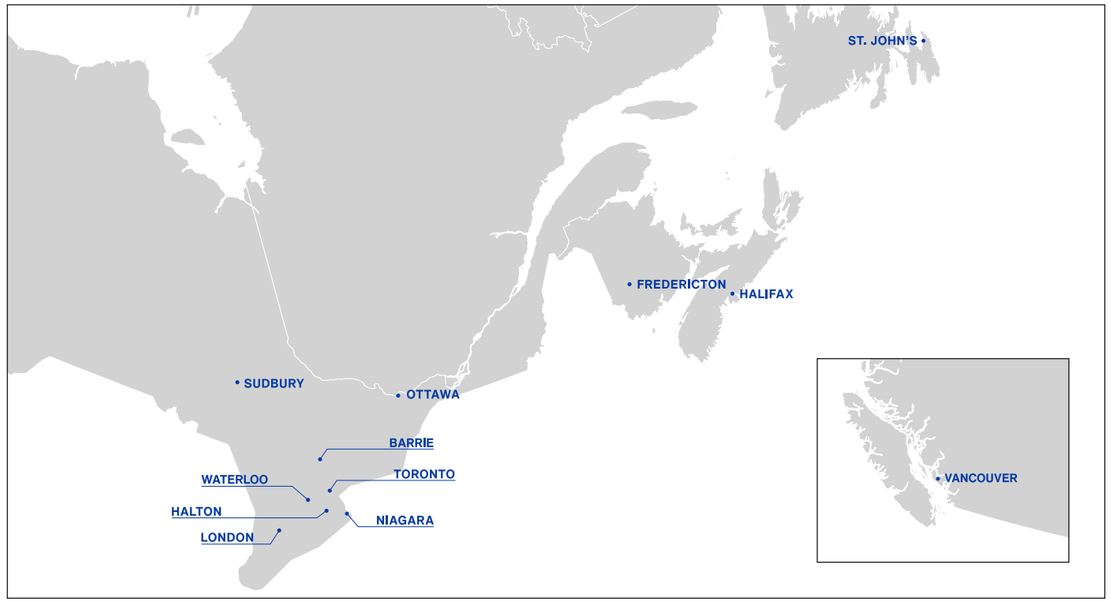
THE DAYS OF ONE SET CAREER PATH ARE OVER.

Our people stay with us because we give them the opportunity to build experience in many different roles, in many areas of practice, all in one dynamic firm. By giving our people maximum flexibility and support to create their own adventure at RVA, they gain experiences and capabilities they couldn't find anywhere else.

Happy teams mean happy clients

UNITED BY PURPOSE.

No matter where your project is located, RVA can provide integrated engineering and architectural services for all your needs.



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