



URBAN & ENVIRONMENTAL MANAGEMENT INC.

UEM is an employee-owned, leading-edge consulting firm established in 2001. Our multi-disciplined team of professionals offers a range of professional planning, engineering and project management services to both public and private sector clients.

What sets UEM apart from our competitors is our ability to complement traditional planning and engineering services with innovative expertise in specialized service areas. We bring new ideas to projects, leading our clients to the next level of excellence.

Our experienced Project Managers provide one-on-one communication with clients to ensure project progress, consistency with project schedules, and client satisfaction at all stages of the project.

With offices strategically located across Ontario, we offer a full range of professional consulting services in:

- Program & Project Management
- Municipal Infrastructure & Civil Works
- Waste Management
- Traffic & Transportation
- Water Resources
- Asset Management
- Environment, Health & Safety



UEM has built strong relationships in the consulting industry by partnering with associate firms and other affiliates where specialized services are required.

We have a solid reputation for providing practical solutions to project problems, on time and within budget.

UEM

URBAN &
ENVIRONMENTAL
MANAGEMENT INC.

Exceptional People ■ Exceptional Service

THE SCOPE OF UEM'S PROFESSIONAL CONSULTING SERVICES

PROGRAM & PROJECT MANAGEMENT

UEM's program and project management services range from project delivery advice through consultant selection and plan review to project completion and implementation. We are responsible, we are accountable, and we deliver.



Project Administration for MacBain Community Centre – Niagara Falls, ON

MUNICIPAL INFRASTRUCTURE & CIVIL WORKS

UEM's Engineering Team has a wealth of experience in the planning, design and implementation of municipal infrastructure projects. Our extensive knowledge of design principles, environmental regulations, zoning and servicing issues, and industry innovation is reflected in our comprehensive suite of services.



Victoria Meadows Subdivision Site Servicing – St. Catharines, ON

WASTE MANAGEMENT

UEM's Waste Management Team includes experts in master planning, site selection, approvals, facility design, operations and environmental management. We offer expertise and experience in every aspect of waste management, developing programs that address clients' needs for diversion, disposal and resource recovery.



Construction inspection at Niagara Waste Systems South Landfill - Thorold, ON

SERVICES INCLUDE:

Project Management Leadership & Advisory Services
Municipal Business Process Management
Strategic Planning
Policy Planning
Negotiation, Facilitation, Mediation & Hearings

SERVICES INCLUDE:

Municipal Services

- Class Environmental Assessments
- Water & Wastewater System Modeling
- Water Distribution System Design & Analysis
- Sanitary Collection System Design & Analysis
- Stormwater Management & Storm Sewer Design
- Functional, Preliminary & Detailed Road Design
- Parking Lot Design

Commercial, Institutional & Residential Services

- Full & Class Environmental Assessments & Approvals
- Municipal Servicing Master Plans
- Community Planning & Municipal Service Assessments
- Subdivision & Commercial Site Design
- Site Servicing, Stormwater Management & Grading Plans

Project Tendering, Contract Administration & Site Observation

SERVICES INCLUDE:

Environmental Assessments & Approvals
Waste Management Master Planning
Diversion Programs
Facility Siting
Landfill, Compost Facility & Transfer Station Design
Site Closure Plans
Operations & Optimization Studies
Site Life Estimates
Regulatory Approvals & Reporting
Public & Stakeholder Consultation
Leachate Management System Design & Monitoring
Landfill Stormwater Management
Landfill Gas Control & Management



WATER RESOURCES

UEM's Water Resources Specialists develop ecologically engineered solutions to repair, restore, protect and enhance aquatic and riparian habitats. Our Specialists employ innovative, natural and cost-effective techniques to address the impacts of flooding, erosion, and pollution. Services include planning, design, contract administration, site observation and post-construction monitoring.



Beaver Creek Fluvial Geomorphological Assessment – Fort Erie, ON

TRAFFIC & TRANSPORTATION

UEM's Traffic and Transportation Specialists have considerable experience in the planning, design and operation of safe, efficient and sustainable multi-modal transportation infrastructure. Our Traffic and Transportation Specialists recognize that a project's success extends beyond technical solutions alone. We work closely with UEM's Environmental, Municipal and Planning Specialists to deliver sustainable solutions.



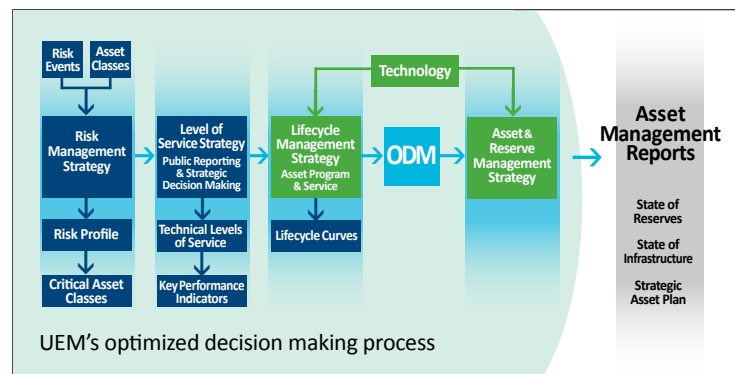
Sedona (Dixie) Traffic Review – Mississauga, ON

ENVIRONMENT, HEALTH & SAFETY

UEM's Environmental Management Group assists organizations in structuring and streamlining their operational practices while ensuring compliance with relevant environmental and occupational health and safety legislation. We strive to build on a client's existing processes so that resultant policies, programs and procedures fit the corporate culture.

ASSET MANAGEMENT

UEM's Asset Management Specialists have developed a risk-centred approach to Asset Management that assists organizations in managing their assets more effectively and optimizing asset performance while achieving reliable, cost-efficient delivery of services to customers.



SERVICES INCLUDE:

- Rural & Urban Stormwater Management
- Natural Treatment Systems
- Drainage Engineering
- Surface & Groundwater Regulatory Reporting & Approvals
- Fluvial Geomorphology
- Ecosystem Restoration
- Natural Channel Design
- Hydrologic, Hydraulic & Flood Plain Modelling

SERVICES INCLUDE:

- Municipal Class Environmental Assessments
- Community and Secondary Plans
- Traffic Impact Studies & Peer Reviews
- Road Safety Assessments & Audits
- Parking Strategies
- Travel and Market Surveys
- Neighbourhood Traffic Calming
- Public Consultation & Communication
- OMB Expert Witness Testimony

SERVICES INCLUDE:

- Management Systems Development
- Management Systems Auditing
- Environment, Health & Safety Compliance
- Gap Analyses & Assessments
- Air Modelling & Approvals
- Occupational Health & Safety Program Development

SERVICES INCLUDE:

- Integrated Infrastructure Management
- Risk Management
- Program-Level & Service-Level Planning
- Capital Budget Planning
- Development Charge Studies
- Municipal Infrastructure Cost-Sharing Strategies
- Analysis of Network Reliability, Criticality & Performance
- Rehabilitation, Prioritization & Scheduling of Work Packages
- Economic Loss Analyses
- GIS/IT Tools





URBAN & ENVIRONMENTAL MANAGEMENT INC.

Complementing traditional planning and engineering with innovative specialty services to take projects and clients to the next level of excellence.

This is UEM. Exceptional.

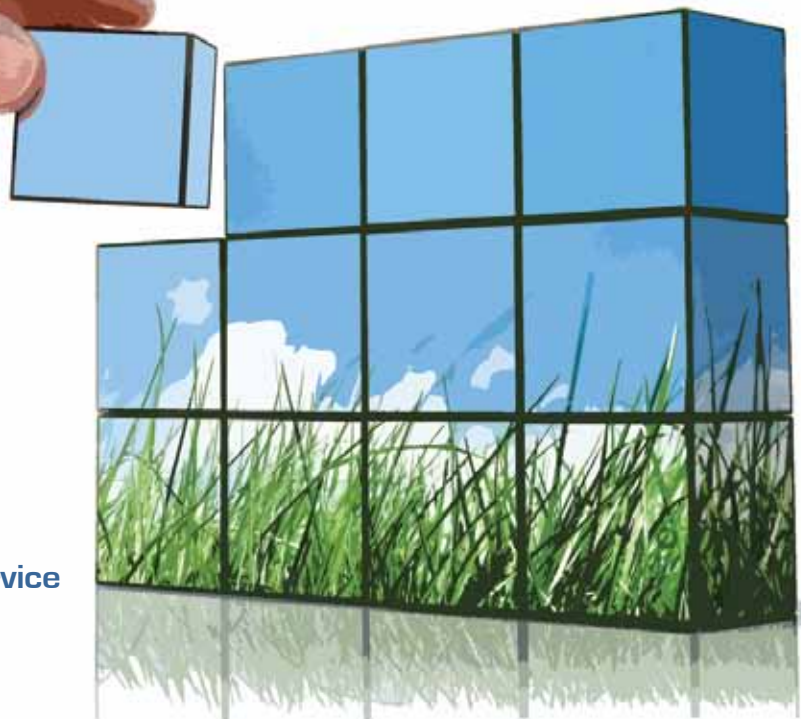
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