



ENGINEERING: THE TROTTER WAY



*Experienced Professionals - Better Solutions
Serving the Community Since 1999*

TROTTER-INC.COM

DO YOU HAVE A PLAN THAT YOU TRUST FOR TOMORROW'S INFRASTRUCTURE?

DOES IT TAKE INTO ACCOUNT THE BIG PICTURE?

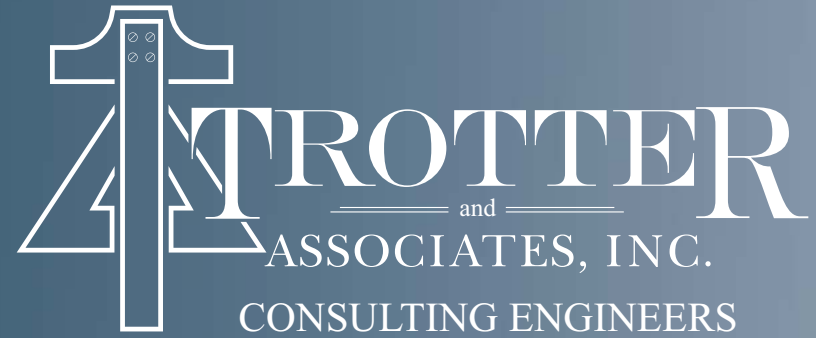
HOW DOES IT ACCOUNT FOR AGING INFRASTRUCTURE?

DOES IT SUPPORT ROBUST ECONOMIC DEVELOPMENT?

CAN IT ANTICIPATE FUTURE REGULATORY REQUIREMENTS?

DOES IT PROVIDE THE FLEXIBILITY TO ADAPT TO EMERGING TECHNOLOGIES?

CAN YOU EXPLAIN YOUR INTEGRATED PLAN TO THE COMMUNITY?



IF SO, LET'S
GET TO WORK.
IF NOT, YOUR
LEGACY'S AT
STAKE, WE
SHOULD TALK.

**ANYBODY CAN
DELIVER A PLAN
WE DESIGN
PRACTICAL
SOLUTIONS
THAT CREATE
THE FUTURE**





OUR ENGINEERS ARE HANDS ON AND WE FOCUS ON THE RELATIONSHIP

- We ask the right questions
- We maximize the value of existing infrastructure
- We prioritize needs to position communities for strong growth
- Our designs are ahead of the regulatory curve
- Our practical solutions include proven as well as emerging technologies
- Our approach helps clients manage risk

**DISCOVER THE POWER
OF A PARTNER THAT
DELIVERS CONTINUITY
FROM CONCEPT THROUGH
CONSTRUCTION**

**EFFICIENT
AND RELIABLE
COLLECTION AND
RECLAMATION
TO PRESERVE THE
ENVIRONMENT**



HAVE YOU IDENTIFIED ALL OF YOUR COMMUNITY'S WASTEWATER INFRASTRUCTURE NEEDS?

- REGULATORY NEEDS?
- AGING INFRASTRUCTURE NEEDS?
- LONG-TERM CAPACITY?



RECOGNIZED AS AN INDUSTRY LEADER IN WASTEWATER SERVICES, TROTTER AND ASSOCIATES TAKES AN ACTIVE ROLE IN SHAPING POLICIES AT THE LOCAL, STATE AND FEDERAL LEVELS

TAI has practical experience in planning, design, and construction of wastewater infrastructure

- CMOM & Collection System Rehabilitation
- Nutrient Removal / Phosphorus & Nitrogen
- Bio-Solids Management
- Waste-To-Energy Projects

Trotter & Associates' team of wastewater professionals possesses expertise with both emerging and proven technologies... Empowering our clients to implement the best solutions to meet the community's needs.

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SCOTT TROTTER AND HIS TEAM SHOW A TREMENDOUS LEVEL OF DEDICATION TO THEIR PROJECTS, THEIR CLIENTS AS A WHOLE, AND TO THE COMMUNITIES THEY SERVE. THEY UNDERSTAND OPERATIONS AS WELL AS REGULATIONS AND HAVE HELPED SHAPE THE LANDSCAPE OF OUR INDUSTRY SO THAT COMMUNITY DECISION MAKERS ARE AWARE OF WHAT'S COMING AND CAN BE BETTER PREPARED TO ADDRESS THEIR FUTURE NEEDS.

JIM HUCHEL
WASTEWATER MANAGER /CITY OF FLAGSTAFF, AZ



PROTECTING PUBLIC HEALTH THROUGH SUSTAINABLE WATER SUPPLY

HOW CONFIDENT ARE YOU IN THE SAFETY,
RELIABILITY AND INTEGRITY OF YOUR PUBLIC
WATER SYSTEM?



TROTTER AND ASSOCIATES COLLABORATIVE APPROACH
INCORPORATES STAKEHOLDERS FROM EVERY LEVEL -
OPERATORS, MANAGERS AND ELECTED OFFICIALS.

TAI develops strategic plans that help identify deficiencies, prioritize
needs and implement client-specific solutions.

Investing in planning with Trotter and Associates provides the
community with a lower total cost of service and our clients with
greater peace of mind.

ASK US HOW WE CAN HELP YOU IMPROVE:

- Master Planning
- Supply Development
- Asset Management and GIS
- Ground and Surface Water Treatment
- Distribution Modeling
- Finished Water Storage

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*DUE TO AGING INFRASTRUCTURE WE EXPERIENCED
A SIGNIFICANT FAILURE THAT CAUSED A FLOOD AT
OUR LAKE MICHIGAN DRINKING WATER FACILITY.
WE CALLED TROTTER AFTER HOURS, THEIR
RESPONSE WAS IMMEDIATE AND WITHIN 12 HOURS
WE WERE BACK IN SERVICE AND SAVED MILLIONS.
IT'S GREAT TO HAVE A PARTNER LIKE TAI THAT WE
CAN COUNT ON.*

ED WILMES
DPW, NORTH CHICAGO, ILLINOIS



A TRUSTED PARTNER WITH VISION TO SEE PUBLIC INFRASTRUCTURE AT THE DEEPEST LEVEL

**TROTTER AND ASSOCIATES UNDERSTANDS
HOW UTILITIES AND ROADWAY SYSTEMS
WORK TOGETHER TO SEAMLESSLY INTEGRATE
INFRASTRUCTURE DESIGN**

We protect the public interest by ensuring the longevity of community infrastructure. We create detailed field reports to keep our clients more informed.



SERVICE OFFERINGS

- Street Resurfacing / Reconstruction
- Utility Conflict Resolution
- Utility Design & Rehabilitation
- Intersection Improvements
- Arterial Design
- Traffic Studies
- Grant Funding Assistance
- Drainage Studies and Improvement

**YOU CAN'T UNDERESTIMATE THE VALUE
OF CONSTRUCTIBLE DESIGNS**

**IS YOUR ROADWAY PROGRAM INTEGRATED,
OR DOES IT ONLY EVALUATE THE SURFACE
AND DOES IT ADDRESS THE NEEDS
OF THE UNDERLYING UTILITIES AND
INFRASTRUCTURE?**

**IF NOT... YOU COULD BE MISSING AN
OPPORTUNITY TO MAXIMIZE YOUR
COMMUNITY'S INVESTMENT**



MANAGING MOTHER NATURE INSTEAD OF TRYING TO CONTROL HER



HOW LONG UNTIL YOU HAVE TO HEAR ABOUT THE INEFFECTIVENESS OF YOUR STORMWATER MANAGEMENT SYSTEM AGAIN?

- The storms are getting more intense
- They are happening more often
- Your infrastructure is aging
- Finding funding for rehabilitation is difficult

SERVICE OFFERINGS

- Erosion Control and Streambank Stabilization
- Hydraulics and Hydrology Modeling
- Stormwater Utility Creation
- Green Infrastructure & Wetland Management
- Flood Protection - Detention / Retention
- MS4 Permitting & Water Quality Monitoring

TROTTER AND ASSOCIATES IS READY TO HELP

CONNECTING THE COMMUNITY WITH THE ENVIRONMENT

ARE YOUR PARKS AND RECREATIONAL AREAS CATERING TO THE NEEDS OF EVERY CITIZEN IN YOUR COMMUNITY?



TROTTER AND ASSOCIATES BRINGS EXPERTISE AND PRACTICAL EXPERIENCE IN IMPLEMENTING:

- ADA Compliance
- Bike & Pedestrian Bridges and Trails
- Active Playing Fields & Tracks
- Passive Recreation Learning Centers
- Swimming Facilities and Splash Pads
- Tree Surveys
- Play Areas

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TROTTER AND ASSOCIATES HAVE STOOD OUT AS AN INNOVATIVE AND VISIONARY FIRM. WE HAVE NEVER PROPOSED A PROJECT TO THEM THAT THEY HAVE SHIED AWAY FROM. THERE IS NO DOUBT THAT WHEN THE RIGHT PROJECT COMES ALONG, WE WILL AGAIN CALL UPON THE SERVICES OF TROTTER AND ASSOCIATES.

JIM EBY
BATAVIA PARK DISTRICT

SYSTEMS THAT KEEP FACILITIES RUNNING SAFELY AND EFFICIENTLY

**ARE YOUR BUILDING SYSTEMS OPERATING AS
WELL AS THEY SHOULD?**

**DO THEY PROVIDE THE RELIABILITY YOUR STAFF
AND COMMUNITY DEPEND ON?**

**TROTTER AND ASSOCIATES DELIVERS
MEP SOLUTIONS GROUNDED IN FIELD
EXPERIENCE AND PRACTICAL DESIGN.**

Our engineers understand how building systems interact, allowing us to create coordinated, maintainable designs that support dependable daily operations. We focus on efficiency, safety, and longterm performance so facilities can function smoothly without surprise interruptions.



MECHANICAL • ELECTRICAL • PLUMBING



SERVICE OFFERINGS – MECHANICAL

- HVAC system design and optimization
- Hazardous HVAC systems design
- Indoor air quality improvements
- Energy-efficient and recovery-based systems
- Building automation and controls

SERVICE OFFERINGS – ELECTRICAL

- Power distribution and grounding
- Emergency and standby power systems
- Interior and exterior lighting design
- SCADA and controls integration

SERVICE OFFERINGS – PLUMBING

- Potable Water distribution systems
- High Purity Specialty water distribution systems
- Sanitary and building storm drainage design
- Building ejector, sump Pumping systems and lift stations
- Building flood control systems
- Specialty piping applications for unique environments

LET'S DESIGN SYSTEMS THAT OPERATORS CAN TRUST — DAY IN AND DAY OUT.

DESIGN BUILT ON EXPERIENCE, DETAIL, AND FIELD-TESTED SOLUTIONS



DO YOU HAVE A CLEAR UNDERSTANDING
OF YOUR STRUCTURE'S CONDITION?

CAN YOUR FACILITIES WITHSTAND
EVERYDAY DEMANDS WITHOUT
DISRUPTION?

TROTTER AND ASSOCIATES DELIVERS STRUCTURAL ENGINEERING ROOTED IN CONSTRUCTIBLE, REAL-WORLD SOLUTIONS.

Our team evaluates existing structures with the same care we apply to new design, helping clients make informed decisions based on accuracy—not assumptions. We focus on dependable performance, clear documentation, and practical recommendations that support ongoing operations.

SERVICE OFFERINGS

- Structural evaluations and rehabilitation planning
- Facility, plant, and utility structure design
- Bridge, culvert, and retaining wall engineering
- Foundation and geotechnical coordination
- Building envelope and framing systems
- Industrial and municipal facility structural support

**WHEN YOU UNDERSTAND EVERY LOAD PATH AND CONNECTION,
YOU DESIGN WITH CONFIDENCE.**

FUNCTIONAL, PURPOSE-BUILT SPACES FOR COMMUNITY OPERATIONS

ARE YOUR FACILITIES EASY TO USE, MAINTAIN,
AND NAVIGATE?

DO THEY SUPPORT THE WORK YOUR STAFF
PERFORMS EVERY DAY?

ARCHITECTURE AT TROTTER FOCUSES ON USABILITY, CLARITY, AND LONG-TERM FUNCTIONALITY.

We design municipal and community facilities that serve the people who use them—creating spaces that are intuitive, efficient, and supportive of daily operations. Our architectural and engineering teams work together to deliver buildings that feel cohesive, safe, and operationally sound.

SERVICE OFFERINGS

- Municipal and public works facility design
- Space planning and workflow optimization
- Architectural programming and master planning
- ADA compliance and accessibility improvements
- Sustainable and energy-conscious building design
- Renovation and adaptive reuse of existing facilities

**GOOD DESIGN MAKES WORK EASIER — FOR STAFF, FOR VISITORS, AND FOR THE
ENTIRE COMMUNITY.**



SEEING IT FROM EVERY ANGLE

IF SURVEY DATA IS THE
BASIS OF ALL DESIGNS,
CAN YOU AFFORD NOT TO
HIRE THE BEST?

FROM CONCEPT TO CONSTRUCTION, OUR DEDICATED EXPERTS
LEVERAGE EXPERIENCE AND THE LATEST TECHNOLOGIES TO
DELIVER THE MOST ACCURATE AND COMPREHENSIVE DATA THAT
LEAD TO:

- More Detailed Designs
- Minimal Change Orders
- Lower Construction Costs

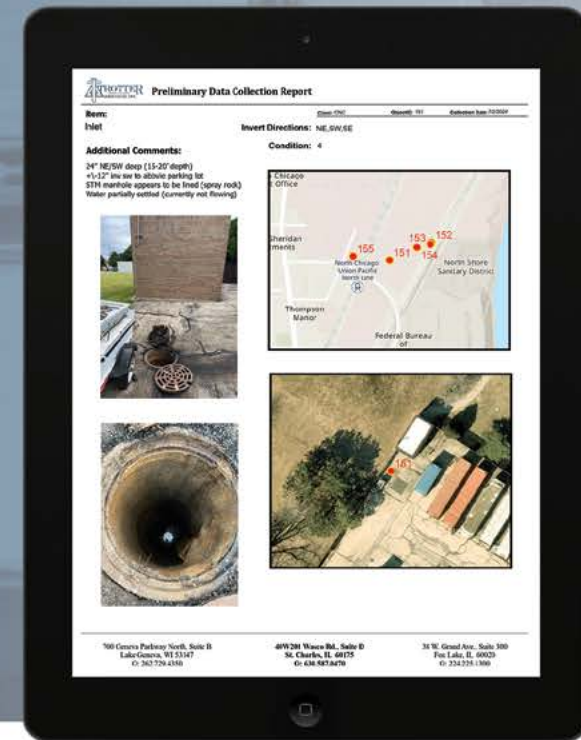
TRUST TAI FOR:

- Land Surveying
- Route Surveying
- Topographic Surveying
- Bathymetric Surveying
- Geodetic Surveying
- Construction Layout

**AT TROTTER, SURVEYING IS MORE THAN A SERVICE, IT IS ANOTHER
OPPORTUNITY TO IMPROVE YOUR COMMUNITY**

MAKE MORE INFORMED DECISIONS

DOES YOUR GIS PROVIDER UNDERSTAND THE ASSETS THAT YOU MANAGE?



ADD
INCREASED
MOBILITY
THROUGH CELL
PHONE AND
TABLET GIS
INTEGRATION

AT TROTTER, WE PARTNER WITH EACH COMMUNITY TO OPTIMIZE GIS AND INCORPORATE REAL-TIME DATA THROUGH WEB APPLICATIONS THAT EMPOWER BETTER DECISION MAKING AT ALL LEVELS

SERVICES:

- Customized Applications & Programming
- Historical Records Integration
- Construction Data Integration
- Hands-on GIS Training & Support

BENEFITS:

- Greater visibility through Data Management Dashboard
- Improved community transparency and involvement
- Increased accountability and efficiency
- Real-time, accurate data visualization

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AT TROTTER, WE WORK WITH YOU TO OPTIMIZE YOUR GIS, TRANSFORMING IT INTO A PRECISION INSTRUMENT WITH THE ABILITY TO MANAGE ALL OF YOUR DATA, GAINING EFFICIENCIES THROUGH EVERY DEPARTMENT IN YOUR MUNICIPALITY.

MARK DUPREE
GISP, GIS MANAGER

YOUR GREATEST ASSET IS INSTITUTIONAL KNOWLEDGE. TROTTER FOCUSES ON BUILDING TOOLS THAT PRESERVE THIS ASSET IN THE FUTURE



OUR REPUTATION IS BUILT
ON PRACTICAL EXPERIENCE.
EVERY ENGINEER ON OUR TEAM
STARTED IN THE FIELD, AND TO
ENSURE THAT OUR DESIGNS
WORK IN THE REAL WORLD, OUR
TEAM ALWAYS HAS PLENTY OF

BOOTS ON THE GROUND

ST. CHARLES, IL | OAK BROOK, IL | FOX LAKE, IL | LAKE GENEVA, WI

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