



# ASSET MANAGEMENT

# ENGINEERING SOLUTIONS FOR CHANGE & GROWTH

Mattern & Craig distinguishes itself in the marketplace by delivering on three important commitments to our clients...

## OUR COMMITMENT TO YOU:

- We will deliver personal attention, professional insight and responsiveness unmatched by any engineering firm in our markets.
- A senior, hands-on engineer will serve as the project manager on every project, providing on-the-job project planning expertise, problem solving and accountability.
- Safety, efficiency, and the improvement of operations are our most important priorities on any project.

*Mattern & Craig has extensive experience in providing a variety of services including the design and construction management of both public and private infrastructure. In addition to these services, we can also provide a host of services for Asset Management of various forms of infrastructure and facilities.*

## So, What is Asset Management?

It is simply the combination of management, financial, economic, engineering, and other practices applied to physical assets with the objective of providing the required level of service in the most cost-effective manner.

*Source: International Infrastructure Management Manual (2002)*

## Asset Management 101

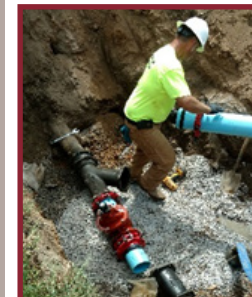
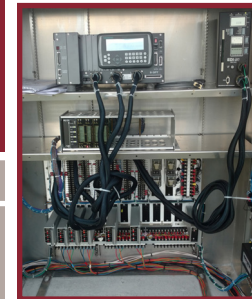
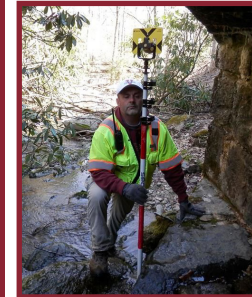
Proactively managing assets in order to operate, manage, and maintain systems adequately & efficiently - resulting in minimal service disruptions and unforeseen impacts to utility &/or tax rates.

Mattern & Craig has developed the following seven step system in developing and implementing asset management plans for municipalities and public utilities.

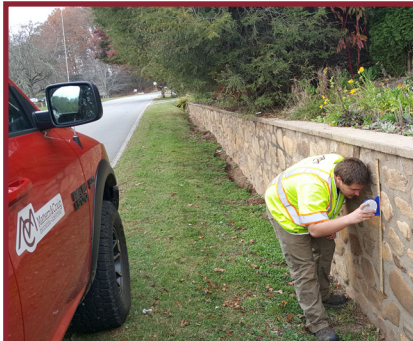
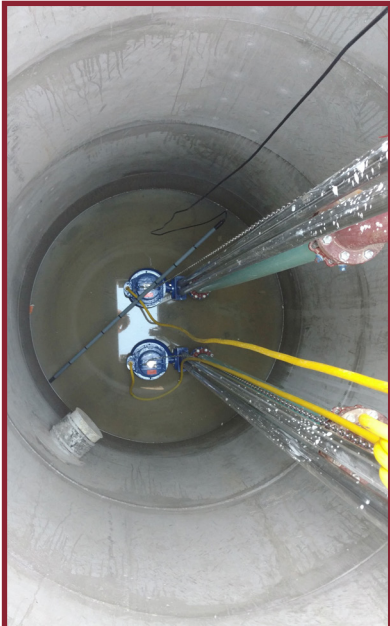
1. Identify Capital Assets (water systems, wastewater systems, stormwater systems, pavement, sidewalks, traffic signs and signal systems, etc.)
2. Inventory Assets
3. Evaluate / Assess Assets
4. Determine Life Expectancy vs. Current Condition
5. Establish a Capital Improvement Plan (CIP) in order to Replace Assets Strategically and Proactively
6. Adequately Fund and Implement the CIP
7. Maintain the Asset Management Plan by Keeping It Current & Realistic

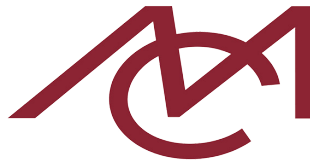
## Asset Management Services

It is our goal to assist our clients by providing proactive strategies for the efficient and effective operation and management of utilities and infrastructure. The key to successful asset management and capital improvement plans is forecasting necessary improvements and replacements and budgeting accordingly. Mattern & Craig has the necessary staff, experienced and certified in Buried Asset Management, to develop and implement an asset management plan to meet the needs of our clients both large and small.



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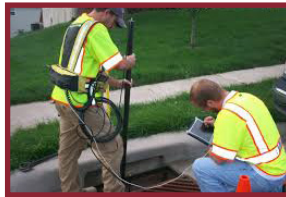
**Mattern & Craig**  
ENGINEERS • SURVEYORS

## Engineering solutions for change and growth.

### Good Asset Management Practices Will:

- Maximize life-cycle value of assets
- Sustain economic development
- Protect public health
- Improve the environment
- Enhance the quality of life

Mattern & Craig has staff certified as an Associate Water Asset Manager having completed the Certification of Training in Asset Management course and exams. This is an exclusive four part series in Asset Management coursework and certification. CTAM was developed by BAMI-I (Buried Asset Management Institute - International) in conjunction with the Trenchless Technology Center at Louisiana Tech and Indiana University-Purdue University at Indianapolis, in partnership with UIM: Water Utility Infrastructure Management, and is hosted by the Trenchless Technology Center at Louisiana Tech.



### Regional Knowledge + Engineering Expertise = Project Success

As a regional engineering firm, we provide clients with an accomplished combination for project success - 1) first-hand knowledge of the project area and the priorities and concerns of its citizenry; and, 2) depth and breadth of utility engineering expertise.

We focus on all aspects of infrastructure services:

- Asset Inventory, Assessment, and Management
- Planning & Studies
- Surveying, Engineering, and Permitting
- Financial Assistance - funding applications and administration
- Construction Engineering Inspection



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