



Mark is president of Applied Asset Management Consultants, specializing in organizational performance and cultural transformations thru the lens of Infrastructure Asset Management. Mark founded his business in 2018 and has over 30 years of combined public government and private sector experience. Most recently, his decade long tenure as City Engineer and top manager for City of Grand Rapids Michigan.

Education

Bachelors & Master of Science in Civil Engineering, Michigan Technological University

Certifications & Training

Professional Engineer, Michigan
Professional Asset Manager
LEAN Management
Emergency Management, FEMA
Project Management

Memberships

IAM, MSPE, ASCE

Expertise Contributor

US Government Accountability Office
[Report to Congressional Requestors](#)
[Federal Real Property Asset Management](#)

IAM Great Lakes Branch, Chair
IAM Academia Committee, Co-Chair
USA Chapter representative to the
IAM Council, London, England

Strategic alliance with PSMJ
Resources, instructor, Capital Project
Management for Public Municipalities
bootcamps

Asset Management Adjunct Professor
Michigan Technological University

Career Background:

Mark De Clercq has spent the past 15 years developing Enterprise Infrastructure Asset Management with organizations to improve sustainable business operations, culture, transparency, and public trust. He is a leading expert in Asset Management for civil engineering infrastructure in the context of the International Organization of Standards (ISO) 55000 for Asset Management. Mark is a strategic leader who conjoins internal and external expertise to collectively attain client solutions and success.

Specialties:

Organizational capacity and performance, transformative business models, Asset Management, Project Management, Risk Management, LEAN problem-solving, Contingency Planning & Resilience.

Industry Experience:

Mark's technical specialization is structural engineering, and his private sector experience spans the industries of parking structures, water, wastewater, facilities, & heavy industrial. Mark led large, complex organizational strategic & business initiatives for more than a decade as City Engineer for the City of Grand Rapids, Michigan.

Accomplishments:

- Led the sustainable business transformation of the Grand Rapids City Engineer's Office. Department Head for 36 professional project managers, engineers, inspectors, surveyor, right-of-way agent and administrators.
- \$100M annual capital project planning, delivery & investment program.
- Enterprise Asset Management for multi-billion-dollar infrastructure assets including linear, facility, parks, cemetery, flood protection assets.
- Led the functional development of CityWorks as a City-wide CMMS tool.
- Led the implementation of a Project Management Information System to standardize capital project deliver including MS Power BI for transparent reporting on project and asset health and performance.
- Member of the Grand Valley Metropolitan Planning Policy Committee.
- Staff member of the Utility Advisory Board serving over 1 million water & sanitary sewer community customers.
- Co-staff leader of the Grand Valley Regional Biosolids Authority for the construction, implementation, LEAN Management, and business model of a \$36M Biosolids Processing program.
- Member, regional Micro-Local Business Enterprise group, serving & supporting minority, women, and veteran-owned contractors.
- Employed LEAN Management on the capital project delivery and other primary processes within the Engineering Department.
- City co-leader, Grand River Corridor re-development, consisting of the Grand River Whitewater & Habitat Restoration, 27 river park spaces with public access, contiguous 4-mile Riverwalk, 16 miles of flood protection, public education, and connectivity to City neighborhoods.
- Re-certification of the Grand River flood protection system as mandated by FEMA. Utilized Asset Management to inventory flood infrastructure, create a risk-based model for floodwalls, perform GIS flood scenario and Emergency Management contingency planning, & develop operations & management procedures based on river elevations and impacts to storm water interior drainage basin assets.
- Asset Management Gap Analyses and 'Roadmap' for City of Kalamazoo and Metropolitan Airports Commission, Minneapolis, MN.
- Strategic Asset Management Plan, Managerial Capacity Study, and Well & Well Pump Risk-based model for City of Kalamazoo Water Resources Division.