

HISTORY

McGoodwin, Williams and Yates, Inc. has, for more than six decades, played a significant role in the development of numerous public works projects throughout Arkansas and the surrounding region.



L.M. McGoodwin launched his career as an engineering consultant in 1946. He was later joined by Carl Yates and Terry Williams; and in 1966 the firm was incorporated under the name McGoodwin, Williams and Yates, Inc.

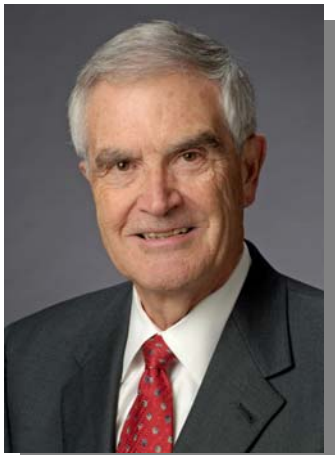
From the company's inception in 1946, MWY engineers have been at the forefront of applying advanced technology in the areas planning, design, and construction management services. MWY utilizes this forward-thinking application of engineering services and the comprehensive experience of the staff on every project regardless of size or scope.

The firm's projects cover a broad spectrum of engineering and architectural services, with particular emphasis on municipal water and wastewater systems, as described within the following pages and sections.

PERSONNEL

MWY has a staff of 39 employees. Our team consists of 10 engineers and four engineer interns; one licensed architect and two architectural designers; one licensed surveyor and two survey technicians. Filling out the team are drafting staff, engineering technicians, construction observers, computer technicians, finance and economics personnel, project administrators, and support staff.

The executive management team of the firm and the year that person joined the company is shown below:



L. Carl Yates, P.E.
Chief Executive Officer
Chairman of the Board
(1958)



Brad B. Hammond, P.E.
President
(1994)



James C. Ulmer, P.E.
Senior Vice President
Chief Operating Officer
(1970)



Jeffrey L. Richards, P.E.
Vice President
Director of Engineering
(1978)



M. Lane Crider, P.E.
Vice President
Special Projects Coordinator
(1993)

Not Pictured: **David L. Powers, AIA**, Vice President/Architectural Services (1989)

SERVICE APPROACH

MWY provides services to a client from conception to occupancy of a project.

Our firm has a staff of skillful, versatile professionals who are committed to a team approach on all assignments. We are committed to providing services that reach beyond the normal engineering and architectural services. The specific approach to any given project is always directed by the nature of the project, thus our approach is to work with each client to:

- Determine the specific problem to be solved
- Establish a project scope
- Determine the qualifications and experience of personnel needed to complete the assignment
- Develop a project schedule
- Develop an engineering services agreement
- Implement and complete the project

SPECIALIZED SERVICES

We focus our practice on providing design professional services needed by municipalities and other governmental entities. The types of services we offer are:

- Architecture
- Bridges
- Computer Modeling
- Construction Management
- Drainage Facilities
- General Civil Engineering
- Mapping
- Master Planning
- Rate Studies
- Streets and Roads
- Surveying
- Wastewater Systems – All Aspects
- Water Systems – All Aspects

Many of MWY's employees have been associated with the firm for decades, resulting in a solid team with extensive knowledge of local, state and federal rules, regulations and construction issues.

We believe that the skill to work within the framework of state and federal rules and regulations and the ability to work closely with these entities' personnel are important qualifications our firm offers.

The majority of our work involves projects under regulation by one or more federal or state agencies. Many of these projects also involve the use of federal or state funds. Consequently, our staff has a great deal of experience in interpreting and managing projects under complex regulations; and we have developed an excellent working relationship with both state and federal agency personnel.

GENERAL SERVICES

The work for which our present staff has been responsible includes years of experience and performance in the following general areas:

- Conducting studies and preparing preliminary engineering reports complete with estimates of cost and recommended methods of financing
- Coordinating all aspects of projects with appropriate regulatory and planning agencies
- Conducting public meetings
- Conducting preliminary field surveys
- Coordinating photogrammetry services
- Preparing project design reports and revising cost estimates
- Preparing environmental impact statements
- Preparing detailed plans and specifications
- Meeting with various public and/or private entities to discuss the progress of the project
- Coordinating testing, laboratory work and pilot studies
- Surveying as necessary to establish existing and required right-of-way
- Preparing plats and legal descriptions of all parcels of land to be acquired in connection with the project
- Identifying utilities that require relocation and coordinating with the utility companies involved
- Preparing and submitting permit applications
- Preparing and submitting State Revolving Loan applications
- Taking of bids and making recommendations concerning award of construction contracts
- Providing construction management and resident inspection services
- Preparing *Plans of Record*

The consulting engineer on any project is expected to be informed about all issues regarding the development of that project, and is expected to provide overall leadership and project coordination. We adhere to this expectation and train our staff to perform in this manner.

CONSTRUCTION DOCUMENTS

MWY will prepare detailed plans and specifications and other related construction documents. MWY will also provide the following services if applicable:

- Submission of contract documents to Arkansas Department of Environmental Quality, Arkansas Natural Resources Commission, Arkansas Natural Resources Commission and the Arkansas Department of Health and others as necessary
- Prepare Arkansas State Highway Permit Applications
- Prepare Railroad Crossing Applications
- Prepare and coordinate city and county road crossing permits
- Prepare and coordinate applications for state and federal permits
- Prepare documents for review by the city

After review and approval by local, state, and federal agencies, we will arrange for the project to bid at a date and location set by your city and will make a recommendation of award to the city council.

- MBE/WBE/DBE guidelines are specifically addressed by our firm in the Contractor's Specifications for each project. The rules and regulations governing equal opportunity are included in each set of specifications and contractors are required to be in compliance and on all MWY projects. The firm's engineers have a thorough understanding and working experience regarding these and other pertinent state and federal requirements and have assisted municipalities, as needed, to prepare necessary documents to meet these requirements.

CONSTRUCTION MANAGEMENT

MWY will provide construction management services for any project we design. We will provide continuous management of the construction phase of the project by the design team. MWY's scope of services includes:

- Assistance to the city during the *Bidding and Award* process
- Conduct Preconstruction Conference(s)
- On-site resident project representatives
- Review and approval of submittals for project
- Preparation of monthly construction payment estimates to be submitted to the city
- Conduct *Final Inspection* with contractor, engineer and city staff
- Preparation of substantial and final completion notices
- Regular project status meetings and coordination with the city and other project consultants as needed.

FACILITIES AND RESOURCES

McGoodwin, Williams and Yates' office is located in Fayetteville, Arkansas. With an extensive engineering and support staff, MWY provides on-site personnel for most large-scale projects and frequent site visits to all projects. It is the firm's philosophy to provide clients with personal service and to develop relationships with clients to better facilitate communication and job efficiency.

In addition, the firm maintains the most up-to-date training and equipment necessary to stay on-top of emerging technologies and trends.

DRAFTING SOFTWARE

MWY maintains a fully-staffed drafting department. All are fully trained and experienced with the latest versions of drafting software and current operating systems.

Our drafting supervisor has more than 30 years of experience; and he has maintained the MWY department to the highest levels of performance.

MWY drafting equipment includes the following Autodesk Software:

- Autocad Civil 3D 2009 / 5 Seats
- Autocad 2008 / 6 Seats
- Autocad LT 2008 / 15 Seats
- Microstation Version 8 & Version V8 XM / 2 Seats

Additional Software:

- H2O Map Sewer
- Arc GIS

Operation Systems:

- Windows 2000 SP4
- Windows XP SP4

Survey Equipment

- Global Positioning and conventional “total station” electronic surveying equipment complete with field data recorders.
- State Plane Coordinate System with "Astro-Rhomb" software for quick, accurate determination of azimuth from solar observations.
- Trimble 4700 GPS units, Trimble Pathfinder Pro XRS Mapping Grade GPS Unit, a Sokkia Set 3 total station, Zeiss Ni2 Optical levels, laptop computers for field use and Olympus Camedia D580 digital cameras.