

Mark J. Lawton
405 N. 5th St. #313
Mankato, Minnesota 56001
507-317-8994 email: lawtonj1@charter.net

Professional Engineer
Minnesota, Wisconsin, Nebraska, Iowa, South Dakota, North Dakota

Structural Engineering
Civil Engineering
Engineering Project Management

During his 25+ year career, Mr. Lawton has worked on a wide variety of private and public works projects. This includes the structural design of buildings, building renovations, industrial facilities, and public works facilities.

Mr. Lawton's project management experience includes managing engineering teams through entire projects, from feasibility through final design and construction. This includes estimating and the production of all construction documents.

Mr. Lawton strives to do his work with clear communication, "craftsmanship", construction economy, and thorough quality control throughout the project.

Areas of Engineering Experience

General

- Buildings – all types; commercial, industrial, institutional and multi housing
- Building Renovation
- Materials Handling / Agricultural Facilities
- Water Treatment Structures
- Construction Engineering
- Foundation Engineering
- Structural Components
- Architectural Components
- Inspections / Evaluations

Special

- Open Caisson Lift Station Structural Design
- Industrial Safety
- Storm Shelters / Safe Rooms
- Roof Structure Changes
- Bridge Crane Framing
- Pedestrian Bridgework
- Timber Framing & Trusswork
- Site Utilities Planning & Site Hydraulics
- Swimming Pool and Aquatic Features

Experience - Projects

A record of noteworthy projects, under three headings for which Mr. Lawton has been either the EOR or a prominent team member, follows:

Buildings

- Centennial Student Union Addition, Mankato State University (\$9mil)
- ISJ / Mayo Medical Bldg., Mankato, 1 story, (\$6mil)
- South Central College, remodeling (\$3mil)
- St Peter Long Term Care Facility, 5-1 story wood buildings (\$10mil)
- Snell Motors building, remodel and rehabilitation Mankato (\$3mil)
- AgStar Financial, 20k sf, 1 story steel, Blue Earth
- US Bank addition, Marshall 15k sf, \$2mil
- Ashley Furniture Store, remodel, roof joist reinforcing Rochester MN
- Village Place Apartments, 6 story, Buffalo
- Pine River State Bank, Pequot Lakes, timber trusswork
- Easton Place Office Park, 8 one story bldgs, Alexandria
- Holy Family Catholic High School, Victoria '99
- Bemidji High School '99
- Bethesda Heritage Center 4 story addition, Wilmar (\$3mil)
- Little Falls Travel Center, Little Falls (\$2.5mil)

Industrial & Manufacturing

- Aeration Industries International, wastewater equipment engineering support – many projects
- American Crystal Sugar gantrys /platforms E. Gr. Forks
- Rels Manufacturing, Rockford
- Cryo-Propane Storage Facility for Koch Ind. in Schafferstown, Pennsylvania.
- Modifications to the Four-Silo Grain Complex in Bladen, Nebraska. Structural changes to system due to soil stabilization grouting.
- Headrace concrete plank decking at Champion Intl. Corp., Hydroelectric Powerhouse in Sartell.
- Fertilizer Warehouse Renovation for Farmland Ind. St. Paul.
- Fertilizer Bagging Facility for Lange-Steggman Co St.Louis, Missouri.
- Building Addition for Eaton Corp. in Eden Prairie
- Oat Hull Processing facility for ConAgra, Cambridge

Industrial & Manufacturing (continued)

- Water and Wastewater Treatment Plant Design Proposals with Infilco Degremont Inc. at many Sites around the Midwest.
- Mead Paper Water Treatment Plant first stage design in Chillicothe, Ohio.
- Water Treatment Plant design for Oyo State, Nigeria water supply project.
- Wailuku Hydroelectric Project, Hilo, Hawaii.
- Rapidan Hydroelectric Rehabilitation at Rapidan, Minnesota.

Public Works

- Spring Valley Public Utility Improvements - new generators and exhaust stack upgrades
- Municipal Power Generating Facilities, new and additions to, various, with DGR
- Water and Wastewater Plant Projects, numerous, w/ RLCG in MN and WI
- Delano Storm Water Lift Station
- Generator Building, Fort Pierre, South Dakota
- Generator Building Lake Park Iowa, \$1 mil
- Shakopee Sioux Water Trtmt. Bldg and BW Tank
- Open Caisson Pump Station designs for: Centerville MN, Blaine TPC, North Mankato LS, LS #12 & #13 in Blaine, Minn., White Bear Lake Lift Station L-5, Brooklyn Center L.S. #1, Lakeville L.S. #7 and others
- Northfield Wastewater Treatment Plant improvements
- Shakopee Sioux Water Treatment Plant (original)
- Swimming Pool, Wading Pool and Waterslide projects teamed with USAquatics.
- Johnson Co. Kansas Wastewater Treatment Plant Pumping Station and Blower Building.
- Storm Water Retention Pond Project for City of Minneapolis
- Chisago Lakes Outlet Project
- Pamel Creek Stilling Basin in LaCrosse, Wis. for COE.

Field Experience

From 1983 through 1985, Mr. Lawton acquired valuable experience working in the field.

In 1985, he was the construction Project Engineer for Johnson Bros. Corporation at the \$5 Million Wastewater systems Upgrade at the Minnkota Power Plant in Center, North Dakota.

In 1983 and 1984, he was the Field Project Engineer for INDECO Engineering Inc. at the \$8 Million Rapidan Dam Hydroelectric Rehabilitation in Rapidan, Minnesota.

Project Awards

Mr. Lawton was a member of the project team for the following award winning projects.

- National Society of Professional Engineers, "Ten Outstanding Engineering Achievements in the U.S. Award, 1985 for the Rapidan Hydroelectric Project, Mankato, MN.
- Consulting Engineers Council / Minnesota Section Honor Award for the City of Minneapolis Storm Retention Project, 1989
- Consulting Engineers Council/ MN Section Honor Award for the Chisago Lakes Outlet Project 1987

Education

Bachelor of Science, Civil Engineering, University of Minnesota, 1979

Extension Courses and Seminars, University of Minnesota, UW-Madison

Affiliations

American Society of Civil Engineers
American Institute of Steel Construction
American Concrete Institute*
American Wood Council*
The Masonry Society*
International Code Council*
Timber Framers Guild* *past affiliation

Professional History

- LTN Group 06-present, owner
- Paulsen Architects 02-06, Chief Structural Engineer
- MMS Engineering 99-02 (sole proprietor/owner)
- Miller Architects & Builders 96-98
- Woodward Clyde Consultants 91-95
- Johnson Bros. Corp. / INDECO Engineering Inc. 82-90
- Greenlee Associates 79-82

* all cities are in Minnesota unless noted otherwise