



FACILITIES STRUCTURAL ENGINEERING

Part of a diversified family of solutions

jmt.com





Services

Office Buildings

Industrial Buildings

Educational Facilities

Water/Wastewater Plants

Building Additions & Renovation Analysis

Equipment & Piping Supports

Retaining Walls, Vaults & Manholes

Specialty Structures

About Us

Johnson, Mirmiran & Thompson (JMT) is a multidisciplinary firm serving clients throughout the United States since 1971. We provide a complete array of structural engineering services, integrated to our client's needs. JMT serves a diverse clientele including federal, state, and local government agencies, as well as commercial, industrial, educational, and private institutions.



Office Buildings

Our knowledgeable structural engineers produce quick, efficient, and accurate designs of multi-story steel and concrete office buildings using the latest engineering techniques. Our staff has the capacity and flexibility to accommodate design-build services, fast-paced scheduling requirements, and urgent construction issues.

Industrial Buildings

JMT provides the design of warehouses, garages, storage facilities, and airport hangars. Our design experience includes steel-framed, load-bearing masonry, tilt-up concrete buildings, and pre-engineered and pre-fabricated building foundations.

Educational Facilities

We offer a substantial range of structural expertise in the design of educational facilities. We care about designing safe, durable, and economical buildings. JMT applies a rigorous quality control review in order to minimize change orders, reduce field questions, and review constructability concerns. We can also study existing facilities for ADA compliance, hazardous materials, and support of replacement equipment.

We serve as an extension of the client in order to effectively accomplish the client's schedule, budget, and quality objectives.





Water/Wastewater Plants

JMT provides the structural design of water and wastewater treatment plants. We offer extensive experience with the design of above and below ground tanks, filters, basins, clarifiers, and buildings. We possess a vast knowledge for special requirements related to water-containing structures and caustic environments. We can also provide inspections and testing required for the evaluation of existing structures.




Equipment & Piping Supports

JMT can analyze an existing structure's capacity for supporting heavy equipment and furnish construction documents for required modifications and support structures. Our experience includes steel and concrete framing and pads for cooling towers, generators, HVAC equipment, boilers, piping, and storage tanks.

Retaining Walls, Vaults & Manholes

Our staff has vast experience with the design and analysis of a variety of retaining walls, including concrete, masonry, post and panel, gabion, and proprietary walls. JMT also has experience with the design of sound attenuation walls, screen walls, and pole and sign foundations. JMT provides the design for underground structures including vaults, manholes, tanks, and sanitary structures. JMT can analyze and design cast-in-place concrete, precast concrete, and engineered reinforced masonry systems.



Building Additions & Renovation Analysis

Our experience with existing buildings provides us with an understanding of the complexity involved with renovations and additions. We have the capability to offer creative design solutions often required for the unexpected conditions found in existing buildings. JMT also provides structural construction documents for modifications and renovation work to existing buildings. If as-built plans are not available, we can conduct a survey to ascertain the existing structural elements. For a change of use or additional loading to the structure, the capacity can be evaluated and modifications designed as required.



Specialty Structures

JMT provides structural designs for unusual and custom structures. We have an expertise in design using a variety of materials, including aluminum, stainless steel, fiberglass, timber, structural steel, concrete, and masonry. Special considerations consist of corrosion resistance, caustic environments, galvanic action between materials, and aesthetic appearance.



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Offices strategically located throughout the United States

