



ENGINEERING FOR  
HEALTHCARE

WALTER P MOORE

### Services

Our primary services are: structural engineering, structural diagnostics, parking consulting, civil engineering, hydrology and hydraulics, transportation engineering, traffic engineering and research and development. Our engineers are experienced in secure design, sustainable design, Intelligent Transportation Systems (ITS), Building Information Modeling (BIM), CM-at-Risk and design/build.



TEXAS HEART INSTITUTE—THE DENTON A. COOLEY BUILDING, ST. LUKE'S EPISCOPAL HOSPITAL HOUSTON, TEXAS

# Healthcare

If we proudly point to our work with some of the most prestigious healthcare institutions in the world, it's not because we consider some are more important than others. We do it to qualify the nature of our experience.

## Operating Under Pressure

We engineer highly complex settings, housing the most advanced medical technology and providing the broadest range of healthcare services.

So whatever communities our clients serve—a small town in Florida, booming Las Vegas, the organic campus of the Texas Medical Center—we bring to each a deep understanding of the issues they face, both old and new. There is little we haven't encountered—including the future.

## More of Everything, and Better

Our first healthcare engineering projects go back to the 1960s, when an overnight hospital stay averaged \$128 and not-for-profit hospitals outnumbered for-profits 3 to 1. Healthcare has changed, and so have we. Like our clients, we do more today and do it better and in more places, in spite of the pressures of cost, time and complexity. We also share our clients' perspectives on where healthcare has been and where it's going.

The breadth of the structural, structural diagnostics, civil, traffic and transportation engineering and parking consulting services we provide today, bundled together and individually, gives clients great flexibility and adds stability to the historically fragmented design and construction process. We know how these disciplines must integrate in design to be properly implemented in the field.

We are out front in adopting and using Building Information Modeling (BIM). BIM promises to revolutionize building project delivery by virtually eliminating interface problems among design disciplines. Since hospitals and research labs are among the most complicated structures built today, they stand to benefit greatly from its application.

Our experience ranges from massive renovations, additions and new, stand-alone facilities to neighborhood clinics and on-call maintenance. We invite a level of participation and responsibility few engineering firms provide. It matters to us that we have many longstanding relationships with owners, architects, contractors



GEORGE AND CYNTHIA MITCHELL BASIC SCIENCE RESEARCH BUILDING, M.D. ANDERSON CANCER CENTER HOUSTON, TEXAS

PHOTOGRAPH COURTESY HEDRICH BLESSING

and communities, just as it does when the administrator of a hospital refers to us as “my engineer.”

## What We Do

Founded in 1931, Walter P Moore is headquartered in Houston, Texas, with more than 375 professionals in full-service offices from coast to coast.

Our structural, structural diagnostics, civil, traffic and transportation engineers and parking consultants help clients turn their ideas into reality, from healthcare and education facilities to corporate campuses, airports, sports stadiums, convention centers, entertainment centers and urban roadway systems and other infrastructure. Our clients are architects, corporations, institutions, developers, government agencies and contractors. If all of our work with them were put together, it would form a vibrant city with every functional and discretionary amenity, great mobility, superior disaster protection and a plan for the future. A city that works because *our solutions work*.



AMBULATORY CLINICAL BUILDING, M.D. ANDERSON CANCER CENTER HOUSTON, TEXAS

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# WALTER P MOORE

ARKANSAS METHODIST HOSPITAL *PARAGOULD, ARKANSAS*  
BAYLOR COLLEGE OF MEDICINE *HOUSTON, TEXAS*  
BEN TAUB GENERAL HOSPITAL *HOUSTON, TEXAS*  
CHILDREN'S HEALTHCARE OF ATLANTA *ATLANTA, GEORGIA*  
CHILDREN'S HOSPITAL OF CENTRAL CALIFORNIA *FRESNO, CALIFORNIA*  
CHILDREN'S MEDICAL CENTER ADDITIONS *DALLAS, TEXAS*  
CHRISTUS ST. JOSEPH AMBULATORY CARE CENTER *HOUSTON, TEXAS*  
DRISCOLL FOUNDATION CHILDREN'S HOSPITAL *CORPUS CHRISTI, TEXAS*  
EYE INSTITUTE BUILDING, UNIVERSITY OF SOUTH FLORIDA *TAMPA, FLORIDA*  
HCA SEISMIC COMPLIANCE PROGRAM *LOS ANGELES, CALIFORNIA*  
HEARTLAND MEDICAL CENTER *SEBRING, FLORIDA*  
M.D. ANDERSON CANCER CENTER *HOUSTON, TEXAS*  
MEMORIAL HERMANN HOSPITALS *HOUSTON, TEXAS*  
MORTON PLANT HOSPITAL *CLEARWATER, FLORIDA*  
MEADOWS HOSPITAL NORTH *LAS VEGAS, NEVADA*  
MISSION OAKS HOSPITAL *SAN JOSE, CALIFORNIA*  
ST. CATHERINE'S HEALTH AND WELLNESS CENTER *KATY, TEXAS*  
ST. JOSEPH REGIONAL HEALTH CENTER *BRYAN, TEXAS*  
ST. LUKE'S EPISCOPAL HOSPITAL *HOUSTON, TEXAS*  
TARZANA REGIONAL MEDICAL CENTER *TARZANA, CALIFORNIA*  
TEXAS CHILDREN'S HOSPITAL *HOUSTON, TEXAS*  
THE METHODIST HOSPITAL *HOUSTON, TEXAS*  
UNIVERSITY OF KANSAS MEDICAL CENTER *KANSAS CITY, KANSAS*

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