



**CLAY WILLIAMS &
ASSOCIATES, INC.**

Consulting Engineers

2796-B N. Highland Ave.
Jackson, TN 38305
(731) 664-6335

Clay D. Williams, P.E., S.E.

EDUCATION:

Bachelor of Science in Civil Engineering
Tennessee Technological University
Cookeville, Tennessee
May 1994

Master of Science in Civil Engineering
with a concentration in Structural Design
The University of Memphis
Memphis, Tennessee
December 2000

PROFESSIONAL EXAMS:

NCEES Civil Engineering Exam
NCEES Structural I Exam
NCEES Structural II Exam

OTHER:

Structural Engineering Certification Board Certified #1532-0705
NCEES Council Record
NCEES Model Law Structural Engineer

PROFESSIONAL REGISTRATION:

Tennessee #104096
Alabama #22670
Kentucky #20854
Louisiana #28709
Ohio #E-65239

Mississippi #13954
Georgia #25774
Arkansas #9608
Indiana #19900631
Missouri #2008030046

Illinois SE #081.006691
Florida #70200
South Carolina #29848
North Carolina #041174
Texas #118021

EXPERIENCE:

Structural design of commercial office buildings, multi-story industrial process facilities, prisons, schools, police & fire stations, E911 facilities, warehouses, medical facilities, river port unloading facilities, highway bridges, and various heavy industrial projects for major industrial clients such as Nucor Steel, Ipsco Tubulars, Gerdau, Carlisle Tire & Wheel Co. & Williams Country Sausage.

Experience with conventional steel, reinforced concrete, reinforced masonry, timber, light-framed wood, and light gage steel systems. Specializing in heavy industrial applications including deep foundations and process equipment foundations.

Structural Engineer of Record for the following sample projects:

- \$130M TDOT I-24/I-124 Interchange Improvements – 100,000+ SF of Site Retaining Wall Design
- \$20M Gerdau, Inc. Scrap Reclaim Process Phase 2 –Lead Engineering Firm - Jackson, TN
- \$110M TDOT I-40/I240 Interchange flyover project – 100,000+ SF of Site Retaining Wall Design
- \$50M TDOT I-40 Bridge over MS River Seismic Retrofit – Temporary Shoring Design
- \$15M Lift Wellness Center Jackson, TN – Seismic/Wind Bracing Steel Connection Design
- \$8M Carlisle Tire & Wheel Facility Renovations – Jackson, TN
- \$117M Jackson-Madison Co. Gen. Hospital New Patient Tower – Steel Connections Design
- \$10M Williams Country Sausage Addition – Union City, TN
- \$10.3M Ouachita Co., AR Detention Complex (Included Sheriff’s Offices)
- \$8.5M Roane Co, TN Detention Complex (Included E911 Bunker and Sheriff’s Offices)
- \$8.2M Scott Co., TN Detention Complex (Included Sheriff’s Offices)
- \$6.2M Hickman Co., TN Detention Complex
- \$5M Scott Co., AR Detention Complex (Included Sheriff’s Offices)
- \$3.9M Lafayette Co., AR Detention Complex
- \$3.4M Hot Spring Co., AR Detention Complex
- \$15M Liberty Technology Magnet High School, Jackson, TN
- \$10M Mt. Pleasant Middle School, Maury County, TN
- \$9M Addition to Henry County High School, Paris, TN
- \$6.8M Scotts Hill High School, Henderson Co., TN
- \$6.5M Dorothy & Noble Harrelson School, Henry Co., TN
- \$4M Thelma Barker Elementary School, Jackson, TN
- \$4M Isaac Lane Technology Magnet Elementary School, Jackson, TN
- \$2.5M Additions & Renovations to East End Elementary School, Humboldt, TN
- Union University Fine Arts Building, Jackson, TN
- Union University 130’ Bell Tower, Jackson, TN
- Union University Lifeway Book Store, Jackson, TN
- JEA North Water Treatment Plant Redundancy and Reliability Modifications – Jackson, TN
- JEA “Bunker” Addition – Jackson, TN
- City of Jackson Concession, Pavilion, and Restroom Additions to Pringles Park
- City of Jackson West TN Healthcare Sportsplex Buildings
- Avery-Dennison Warehouse Addition – Meridian, MS
- Olin-Winchester Corp. – 50 Caliber Reinforced Concrete Test Range – Oxford, MS
- Ipsco Tubulars, Inc. Quench & Temper Facility, Blytheville, AR
- Ipsco Tubulars, Inc. Steel Pipe Manufacturing Facility, Blytheville, AR
- Gerdau-Ameristeel, Inc., Warehouse Addition, Jackson, TN
- Gerdau-Ameristeel, Inc., 220 Ton Overhead Crane Girder Replacements
- Gerdau-Ameristeel, Inc., 29’ Deep Arc-Furnace Pit Extension
- Numerous Commercial and Retail Buildings for Gary A. Taylor Invest. Co.
- Numerous Single & Multi-Span Bridges throughout West Tennessee
- Redesign of Bridge Sub-Structure for Walnut Grove Road over Wolfe River – Memphis, TN

AFFILIATIONS:

West Tennessee Structural Engineers Association, Charter Member,
Served on initial Board of Directors for 3 years.

Jackson Area Chamber of Commerce