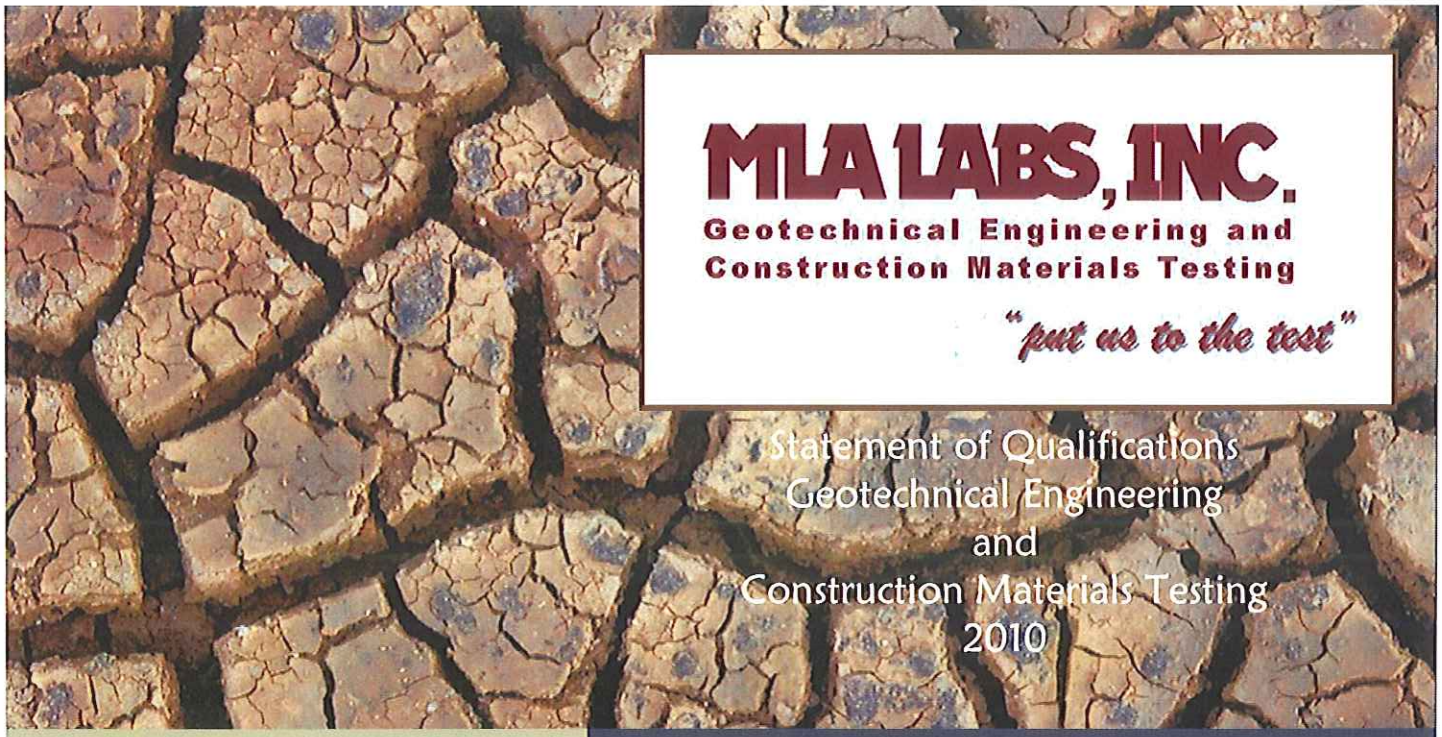


# MLA LABS, INC.

**Geotechnical Engineering and Construction Materials Testing**

*"put us to the test"*

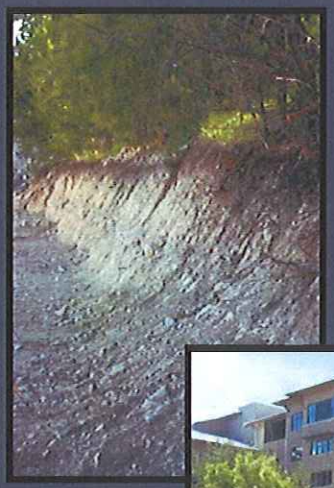
Statement of Qualifications
Geotechnical Engineering
and
Construction Materials Testing
2010

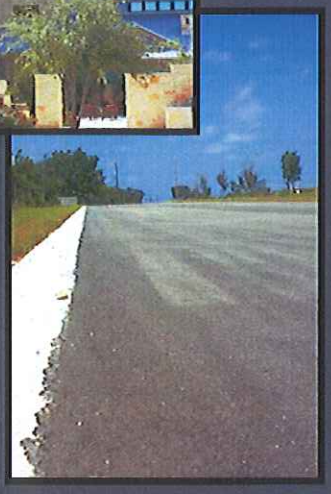
Geotechnical Investigations

Inspection Services

Construction Materials Testing

Specialty Services





MLA Labs, Inc. 2804 Longhorn Boulevard, Austin, Texas 78758 T: 512.873.8899 F: 512.835.5114 mlalabs.com

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# MLA LABS, INC.

## STATEMENT OF QUALIFICATIONS FOR GEOTECHNICAL ENGINEERING AND CONSTRUCTION MATERIALS TESTING SERVICES

## INTRODUCTION

MLA Labs, Inc. is pleased to submit this statement of qualifications for geotechnical engineering and construction materials testing. The proposed manager for all projects is Mr. Timothy R. Weston, P.E. (TBPE Registration # 87938), Vice President of MLA Labs, Inc. (TBPE Firm Registration # 2684). MLA Labs, Inc. is a locally owned full-service geotechnical engineering and construction materials testing firm headquartered in Austin, Texas with offices in Austin and San Antonio. MLA Labs, Inc. is TxDOT accredited to perform both geotechnical and construction materials testing services and AASHTO accredited to perform construction materials testing.

Typical projects include design and/or testing for pavements from parking lots up through high traffic volume roads, foundation designs from single-story residential structures up through large multi-story structures such as hospitals, bridge foundations, lift stations, utility lines, towers, ponds, retaining walls, etc. In addition to geotechnical engineering and construction materials testing, MLA Labs, Inc. routinely performs Phase 1 Environmental Site Assessments for our clients. MLA Labs, Inc. has been proud to service the Central Texas region for over 46 years.

## ENGINEERING SERVICES

### *Geotechnical and Geologic Investigations*

Geotechnical consultation is provided by highly qualified and experienced registered professional engineers supported by certified field and laboratory technicians with an average tenure of 15 years with MLA Labs, Inc. Geotechnical consultant services are provided mainly for pavement and foundation investigations, site feasibility and forensic reports for a broad range of projects, including municipal pavement design, commercial pavement design, electrical generation and distribution, water and wastewater treatment plants, landfills, dams and levees, trench safety, multi-story and single story offices, warehouses and residential structures. Geologic and hydro-geologic services are provided for pre and post construction and environmental site investigations. MLA Labs, Inc. owns its own fleet of drill rigs and has the capability to provide a wide range of exploratory, investigative drilling and sampling services. Such services include, but are not limited to:

- Exploratory drilling and sampling operations in accordance with professionally accepted standards.
- In-situ measurement and instrumentation using procedures such as blow counts (N-value) and rock coring.
- Full soil mechanics testing for index properties for proper classification according to the Unified Soil Classification System and complete testing to properly identify the engineering properties of the soil materials.
- Recommendations for pavement design, foundation design, slope stability studies, landfill and pond liners, embankments, retaining structures and other geotechnical issues.
- Structural damage investigations due to a pavement or foundation's failure to perform as required and remedial recommendations.

Other individual professional engineers from our sister firm MLAW Consultants and Engineers are available for specific consultation and design as each project requires. With the combined expertise of the associated firms, MLA Labs, Inc. is capable of managing geotechnical projects ranging from basic investigations and assessment to elaborate, large scale projects.

***Construction Materials Testing and Inspection***

MLA Labs, Inc.'s highly qualified engineers and certified technicians work closely with owners, municipalities, professional design teams and contractors to provide accurate, on-time construction materials testing services. This team approach to construction projects assures owners that the project will meet the specifications set forth by all governing bodies and the construction plans.

MLA Labs, Inc. provides services that include a full range of soil, concrete, steel, and asphaltic concrete laboratory testing, and on-site consulting, testing and inspection services. Qualified engineering technicians using state of the art equipment, calibrated in accordance with applicable standards, perform field and laboratory work. MLA Labs, Inc. is both TxDOT and AASHTO accredited to perform construction materials testing.

***Environmental Services***

MLA Labs, Inc. maintains a staff of qualified professional engineers to complete projects that affect the environment. The technical capabilities of this staff can assist the client in achieving cost-effective environmental management and remediation while minimizing long-term liabilities. Typical projects in which the staff has successfully completed are ASTM Phase I Environmental Site Assessments. These projects are often completed for clients such as Municipalities, Cities and Counties, Independent School Districts, Manufacturers, Lending Institutions, Governmental Agencies, Developers, Builders, Transportation Companies, Attorneys, Engineering Firms, Retailers, Wholesalers.

**MLA Labs, Inc.** is approved by or has been accepted into membership by the following agencies and organizations:

- American Association of State Highway and Transportation Officials (AASHTO)
- American Concrete Institute (ACI)
- American Institute of Architects, (AIA) Austin Chapter
- American Society for Testing and Materials (ASTM)
- American Society of Certified Engineering Technicians (ASCET)
- American Society of Civil Engineers (ASCE)
- American Council of Independent Laboratories (ACIL)
- Associated Builders and Contractors (ABC), Central Texas Chapter
- Associated General Contractors of America (AGC), Austin Chapter
- Austin Contractors and Engineers Association (ACEA)
- City of Austin's Capital Improvement and Special Inspection Programs
- Home Builders Association of Greater Austin (HBA)
- Home Buyers Warranty (2-10) (HBW)
- Home Owners Warranty Corporation (HOW)
- National Society of Professional Engineers (NSPE)
- Texas Society of Professional Engineers (TSPE)
- The Texas State Department of Highways and Public Transportation (TxDOT)

## COMPANY HISTORY

MLA Labs, Inc. is locally owned and headquartered in Austin, Texas, with a 46-year track record of diversified projects throughout the State of Texas. Projects include work in the geotechnical, construction materials, forensic, geological and environmental engineering fields. Begun as Snowden & Meyer, Inc. in 1964, MLA Labs, Inc. was formed in 1985 and continues with Mr. Kirby T. Meyer, P.E., Dr. Robert L. Lytton, P.E., Mr. James C. Conner and Mr. Timothy R. Weston, P.E., acting as principals.

MLA Labs, Inc. has completed an impressive record of diverse engineering services for a wide variety of clients throughout the region. The firm remains committed to providing quality engineering services to a demanding array of complex geotechnical, environmental and construction materials engineering projects.

MLA Labs, Inc. employs highly qualified engineers and certified technicians to work closely with owners, municipalities, government agencies, professional design teams and contractors to provide accurate, on-time construction materials testing services. This team approach to construction projects assures owners that the project will meet the specifications set forth by all governing bodies and the construction plans.

## COMPANY PHILOSOPHY AND APPROACH

MLA Labs, Inc. maintains a highly qualified team of engineering professionals. Our interactive team approach is specifically tailored to maximize service to the unique requirements of each client and project. MLA Labs, Inc. assigns a qualified project manager that is directly responsible for every detailed aspect of the project. This provides the customer with a direct point of contact for all project phases and ensures the accuracy, quality and timeliness of reporting that is a hallmark of the company.

The team approach for MLA Labs, Inc. is committed to providing the client a timely and technically superior service in the most efficient and professional format possible. This means that all key personnel including the principal decision-making engineer are available to the client night or day to answer questions. Clear communication of project requirements and scope are interactively developed with the client in order to ensure all expectations are mastered on schedule, within budget and in a technically exact manner. A superior track record of successful projects and a high degree of client satisfaction is a result of this interactive team approach. MLA Labs, Inc. is fully committed to ensuring this success on all future endeavors.

**Scheduling delivery of services**

MLA Labs, Inc. owns 5 truck mounted drill rigs and one mobile Minuteman drill rig and employs two full-time drilling crews. This allows flexibility to schedule drilling operations throughout our service areas. The Construction Materials Testing department maintains a stand-alone scheduling position whose sole duty is to serve the client's in-the-field testing needs. This system allows MLA Labs, Inc. to present the client with a single point of contact to initiate testing, as well as the capacity to track testing history for any particular client. It further gives MLA Labs, Inc. the advantage of flexibility of scheduling, meeting same day or emergency testing as needed.

**Project management**

MLA Labs, Inc. assigns a qualified project manager that is directly responsible for every detailed aspect of the project. The project manager and his staff are responsible for procuring all necessary maps, plans, details, material requirements and any other information necessary for completion of work. The project manager then teams with all other professionals on the project to ensure timeliness of reporting, technically superior service and flexible problem solving for the client. All project managers with MLA

Labs, Inc. are focused on clear communication with the client and project professionals and are available on the phone or in the field at any time. Further, project managers track all field personnel and testing, compare estimated testing to actual testing and communicate any discrepancies to the client in a timely manner.

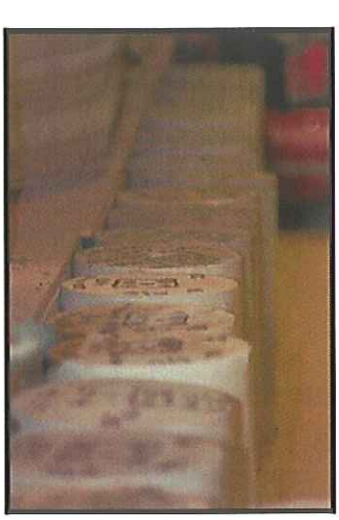
**Availability of Personnel & Equipment**
Nationally accredited technicians and approachable, available engineers enable MLA Labs, Inc. to tackle any engineering problem quickly on the phone or in the field. Long-standing working relationships with area contractors allow MLA Labs, Inc. to represent the client's interest without sacrificing efficiency or scheduling on site. MLA Labs, Inc. employs a full time scheduler whose job it is to satisfy our clients testing needs. All essential MLA Labs, Inc. personnel are available at any time for on site meetings to solve any potential problems in the field quickly.

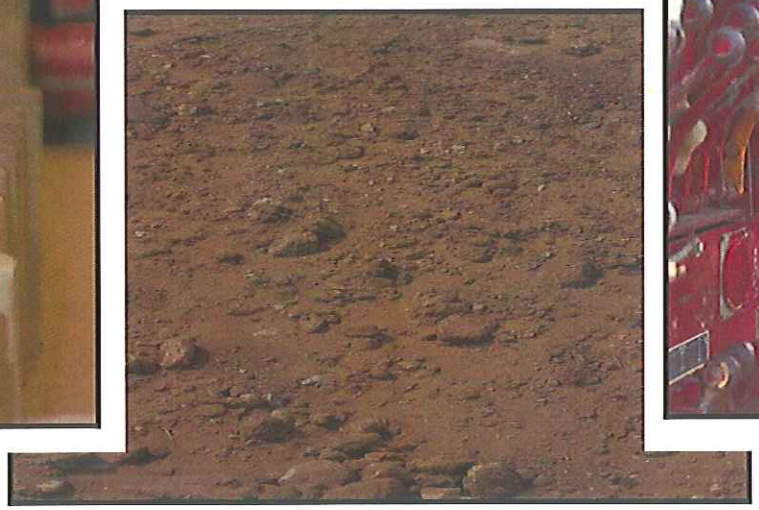
## CAPABILITIES

MLA Labs, Inc. offers a variety of services throughout central Texas. Clients include: municipalities (cites & counties), independent school districts, governmental agencies, commercial site developers and builders, earthwork contractors, general contractors, architects, consulting engineers, residential builders, lending institutions and land and home owners. Typical consulting services offered are:

- Geotechnical Pavement Design Services
- Geotechnical Foundation Design Services
- Miscellaneous Geotechnical investigations such as slope stability analysis, retaining wall recommendations, etc.
- Construction Materials Testing, Quality Control and Assurance Inspection Services
- Forensic Studies and Expert Testimony
- Phase I Environmental Site Assessments
- Assorted Specialty Services

State-of-the-art field and laboratory investigative capabilities, highly-qualified technicians and engineers with over one hundred years of combined demonstrated performance on thousands of projects makes MLA Labs, Inc. a premier leader in the environmental, geotechnical and construction materials engineering fields.





## EXPERIENCE

MLA Labs, Inc. has performed a large number of geotechnical investigations for pavement design throughout central Texas over the last 46 years. These pavement thickness designs have ranged from local streets up through major collector streets and arterials and have conformed to the local governing city or county standard. In the last 4 years alone, MLA Labs, Inc. has produced 180 geotechnical engineering reports for pavement thickness design with over 380 reports in the last 11 years. Construction materials testing has been performed during the construction phase of the project on the utility trenches and pavement materials on most of these projects.

Mr. Kirby T. Meyer, P.E., is an expert in the analysis of distressed pavement and is currently focusing on the forensic side of the industry. The information gathered during forensic analysis of existing pavement allows MLA Labs, Inc. to avoid pitfalls in new design and construction that can lead to pavement problems.

Dr. Robert L. Lytton, P.E., is recognized as an expert in pavement design and construction through his years of research at the Texas Transportation Institute and as a tenured professor at Texas A&M. The results of this research are brought to bear mainly during construction phase problem solving, but can also be incorporated into new design.

Mr. Timothy R. Weston, P.E., has been designing pavements for the clients of MLA Labs, Inc. for the past 11 years. He has worked with the specific standards of nearly every municipality in the region and uses the company's vast reservoir of local knowledge to design site specific pavements to meet all governing specifications in a cost effective manner.

MLA Labs, Inc. incorporates both pavement performance (forensics) and university research into its pavement designs and construction phase problem solving.

***Familiarity with Williamson County***

MLA Labs, Inc. operates its own fleet of one portable and five truck-mounted drill rigs and has been drilling in central Texas for the last 46 years. Since 2006, MLA Labs, Inc. has drilled 28,000 borings for geotechnical analysis with over 79,000 borings completed over the last 11 years. With the rapid growth of Round Rock, Cedar Park, Leander and Georgetown a vast majority of these borings have been placed throughout Williamson County. These borings have made us familiar with the highly variable soils conditions encountered in Williamson County, from the shallow limestone in the west through the variable central county area and the highly expansive east. We have produced numerous geotechnical recommendations tailored to the unique requirements of each of the varied conditions present in Williamson County. We have produced pavement thickness design recommendations and performed construction materials testing from Hutto in the Emory Farms subdivision to the Ranch at Brushy Creek subdivision near Cedar Park.

## QUALIFICATIONS SUMMARY OF COMPANY PRINCIPALS

**Kirby T. Meyer, P.E. - Chairman**

With bachelor and master degrees from Texas A&M University and experience as a consulting engineer for more than 45 years, Mr. Meyer has expertise in overall project requirements and project management. He is also distinguished for his post-graduate work at The University of Texas and Harvard University, where he studied under noted geotechnical engineer Arthur Casagrande. His professional record in geotechnical and geological engineering, failure investigations, forensic studies and foundation design is respected throughout the industry. Mr. Meyer is a Fellow of the American Society of Civil Engineers and is a member of the National Society of Professional Engineers, American Society for Testing and Materials, American Concrete Institute, Post-Tensioning Institute and the National Forensic Center.

**James C. Conner - President**

Mr. Conner received his bachelor's degree from Texas A&M University in 1982. His outstanding commitment to quality has defined the standard for customer service in the residential and light commercial industries. His design and construction experience with builders and architects throughout central Texas have helped MLA Labs, Inc. develop a reputation for leadership in the industry. Mr. Conner is a member of the Home Builders Association of Greater Austin, Austin American Institute of Architects, National Association of Home Builders/Build-PAC, Austin Contractors & Engineers Association, and the Austin branches of Associated Builders & Contractors and Associated General Contractors.

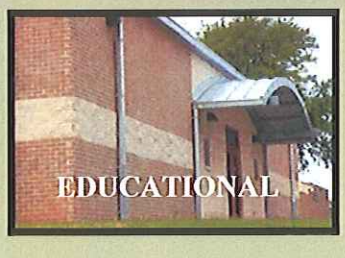
**Timothy R. Weston, P.E. – Vice President**

With a bachelor degree from Virginia Tech and master's degree from the University of Texas Mr. Weston contributes over 13 years of experience in geotechnical engineering, construction materials testing and environmental site assessments. He provides the day-to-day project management and technical supervision of all engineering projects. Typical project types include land development, utility installation, municipal pavement design and construction, residential foundations, light commercial buildings, retaining walls, schools, hospitals, etc. Mr. Weston is an active member of the American Society of Civil Engineers and is currently the Continuing Professional Development Committee Chair for the Texas Section. He teaches the local ASCE prep class in geotechnical engineering for the PE exam.

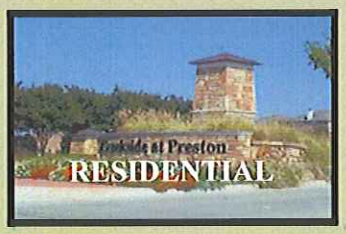
**Robert L. Lytton, P.E., R.P.L.S., Ph.D. - Senior Consultant**

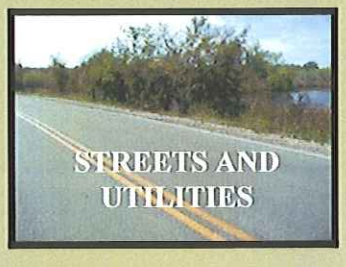
Dr. Lytton earned his bachelor, master and doctoral degrees at the University of Texas. He is a member of the faculty at Texas A&M University where he holds the Fred J. Benson Chair in Civil Engineering. He is recognized internationally for his landmark contributions to the highly specialized fields of expansive clay soils and pavement analysis. Dr. Lytton is responsible for engineering breakthroughs leading to significant improvements in the integrity of building foundations and roadways. Dr. Lytton is a Fellow of the American Society of Civil Engineers and is a member of the National Society of Professional Engineers, American Society of Testing and Materials, American Concrete Institute and the Post-Tensioning Institute.

# REPRESENTATIVE PROJECTS






## GEOTECHNICAL ENGINEERING

MLA Labs, Inc. has sufficient geotechnical and construction materials testing experience with large scale, complex development and construction projects. This expertise with subsurface soil conditions can be invaluable in the construction process for the client. The firm's principals have been solving geotechnical problems in the Central Texas area for nearly half a century. As a Geotechnical Engineering consultant MLA Labs, Inc. has provided an average of approximately $1.84 billion in completed construction services annually for the past five years and provided services for 467 projects.

## MATERIALS TESTING

The construction material testing department has streamlined the scheduling and inspection process in order to better serve the client while communicating openly with all involved parties on site. All MLA Labs, Inc. field and laboratory technicians are properly certified and average 15 years experience in the industry. As a Construction Materials Testing provider MLA Labs, Inc. has provided an average of approximately $1 billion in completed construction services annually for the past five years and provided testing services for 231 projects.

**The Village at Kyle (Kyle Hospital Complex)**

MLA Labs, Inc. served as both the geotechnical engineer and quality control testing lab for this new 212-acre development project in Kyle, Texas with over 540,000 square feet of retail space and 990,000 square feet of parking. The project was won as a partner with the earthwork contractor Rodman Construction, with a competitive bid for the mass grading executed by the owner for $116,030.00 and a total final billing of $113,452.60. Infrastructure testing required another stand-alone contract with the owner for an estimated $81,061.40, with invoicing to date of this 80% complete build out of $59,630.10.

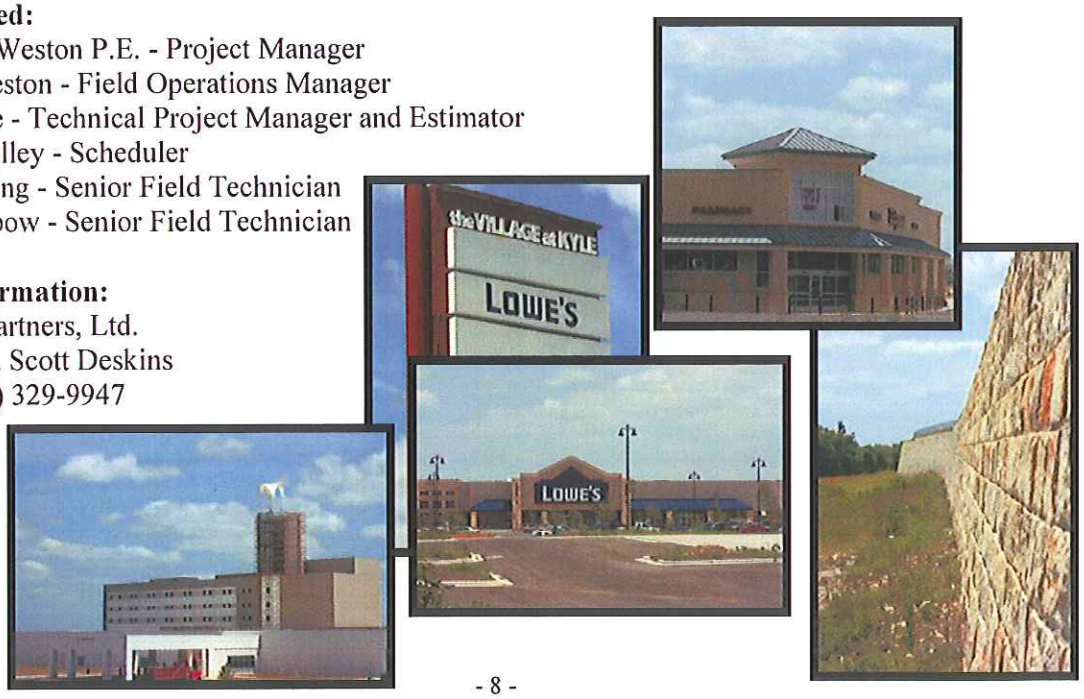
MLA Labs, Inc. observed and tested the compaction of a mass grading of over one million cubic yards of fill on site with variable site conditions from shallow limestone to deep, expansive clay. Both density testing and proofroll compaction testing were utilized in the variable soil conditions on site. Other site development testing included all underground utility backfill, all subgrade, base course and HMAC testing for all municipal and private pavements, and the construction of select fill pads across the site.

MLA Labs, Inc. supplied geotechnical recommendations for foundations for 22 commercial buildings, retaining walls and pavement layer thickness throughout the site. Variable subgrade site conditions made the pavement designs of both heavy-duty concrete and asphalt challenging in order to achieve maximum pavement performance throughout the project. All of the geotechnical recommendations were provided under a lump sum contract. No addenda were required during completion of the geotechnical recommendations. Geotechnical recommendations for pavement design were made for both municipal pavements (City of Kyle standards) and private pavements. The private pavement consisted of both HMAC and Portland Cement Concrete (PCC) paving. Pavement testing included HMAC compaction, asphalt content, HMAC thickness, base course compaction, lime stabilized subgrade gradations & density, concrete rebar size & spacing verification, concrete compressive strength testing and subgrade proofrolling and/or nuclear densities.

MLA Labs, Inc. also worked with the all design partners on the project to lower the potential movement of soil beneath structures with a remove and replace system of earthwork. This cooperation between firms led to a substantial material cost savings to the builder without a loss of performance.

**Staff involved:**
Timothy R. Weston P.E. - Project Manager
Matthew Weston - Field Operations Manager
Gregg Drake - Technical Project Manager and Estimator
Christina Colley - Scheduler
Larry Schilling - Senior Field Technician
Sandy Turnbow - Senior Field Technician

**Owner Information:**
SCC Kyle Partners, Ltd.
Contact: Mr. Scott Deskins
Phone: (512) 329-9947



**Blanco Vista Subdivision**

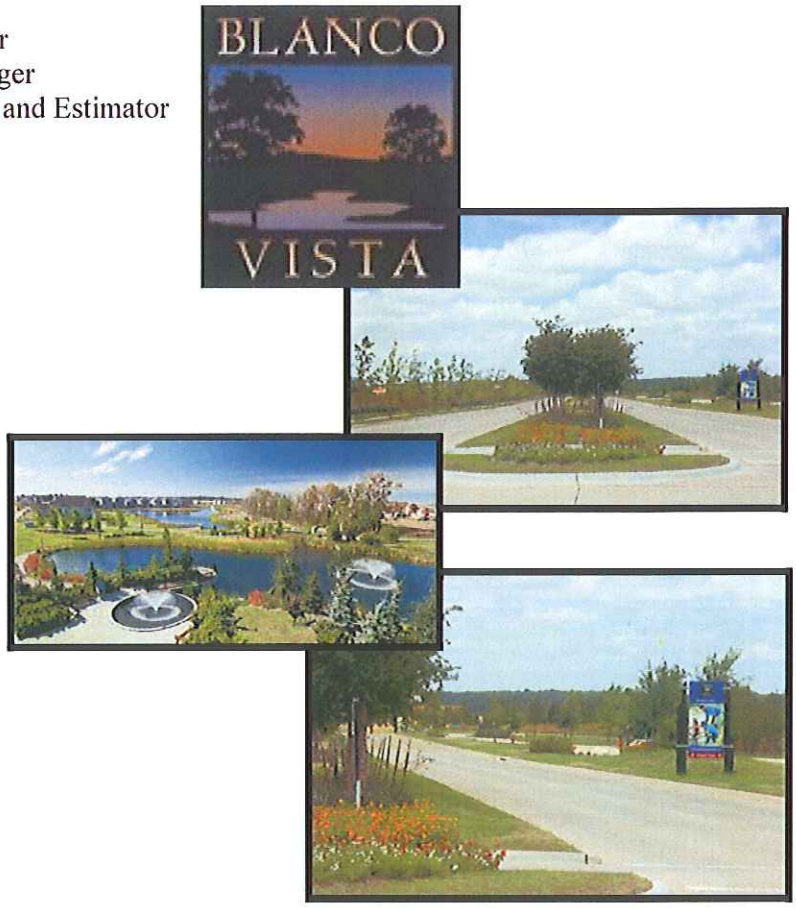
This planned community in San Marcos allowed MLA Labs, Inc. to perform several unique design and testing protocols for the variable soil conditions of the area. All geotechnical investigations for pavement designs for the project met the municipal street standards of the City of San Marcos, including the design of Major Arterial streets.

A Major Arterial design with heavy concrete pavement over a lime-stabilized subgrade was requested by the owner and contractor. Its design was based on both long-term performance and construction cost and was relatively unique to the Central Texas area for private development, where asphalt pavement is the norm. MLA Labs, Inc. observed and tested the construction of this design as well as the utility trenches for the City of San Marcos, grading fill and poured concrete throughout the development phase of the project.

In addition, MLA Labs, Inc. supplied geotechnical recommendations and acted as the quality control inspectors for the new Blanco Vista Elementary School in the development. Construction materials testing duties included all aspects of site preparation, building pad construction, pier and foundation inspection, mortar and grout testing, and structural steel inspection.

**Staff involved:**
Timothy R. Weston P.E. - Project Manager
Matthew Weston - Field Operations Manager
Gregg Drake - Technical Project Manager and Estimator
Christina Colley - Scheduler
Larry Schilling - Senior Field Technician
Sandy Turnbow - Senior Field Technician

**Owner Information:**
Carma Texas, Inc.
Contact: Jamie Hagen, P.E.
Phone: (512) 391-1330



**Buda Main Street Extension**

As a subcontractor for Capital Excavation Company, MLA Labs, Inc served as the quality control inspectors for all aspects of the above project. Those duties included: producing laboratory moisture density relationships curves (running proctors) and density testing all trench backfill for underground utilities beneath the extension; verifying proper processing of lime into subgrade via gradations and lime depth checks; running proctors and density testing of all lime treated subgrade, running proctors and density testing on all base course lifts; verifying reinforcement and sampling all poured concrete structures within project; testing all HMAC placed for project as specified by the plans and the City of Buda, Texas.

**Staff involved:**
Timothy R. Weston P.E. - Project Manager
Matthew Weston - Field Operations Manager
Gregg Drake - Technical Project Manager and Estimator
Christina Colley - Scheduler
Larry Schilling - Senior Field Technician
Sandy Turnbow - Senior Field Technician

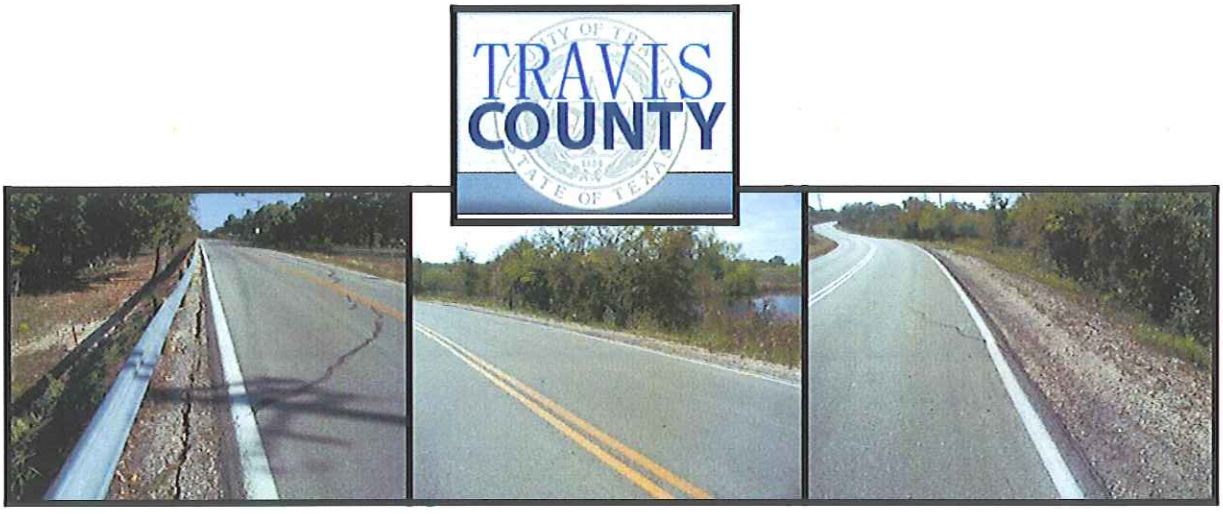
**Owner Information:**
Capital Excavation Company
Contact: Mr. Chris Grahmann
Phone: (512) 440-1717


**Burleson Manor Road**

MLA Labs, Inc. surveyed the existing conditions of distressed pavement on Burleson Manor Road for Travis County, Texas, followed by a geotechnical investigation focused on the cause of the distress. This investigation led to a pavement thickness design that included recommendations for the rehabilitation and/or removal and reconstruction of the existing pavement. This design utilized both the geotechnical information and traffic data provided by the county. MLA Labs, Inc. then observed and tested all aspects of the pavement remediation and construction including Hot Mix Asphaltic Concrete (HMAC) for laydown temperature, laboratory and field density, asphalt content and aggregate gradation; Crushed Limestone Base Course for material qualification, aggregate gradation and density; Lime Stabilized Subgrade (LSS) for gradation and density.

**Staff involved:**
Timothy R. Weston P.E. - Project Manager
Matthew Weston - Field Operations Manager
Gregg Drake - Technical Project Manager and Estimator
Larry Schilling - Senior Field Technician

**Owner Information:**
Travis County Transportation and Natural Resources
Contact: Mr. Roger Schuck, P.E.
Phone: (512) 854-9383



**FM 2325 Reconstruction**

MLA Labs, Inc. surveyed the existing conditions of the pavement on FM 2325 for Loomis Partners. Loomis Partners is the civil engineer for the proposed reconstruction of 3+ miles of FM 2325 outside of Wimberley, Texas. Ultimately, the project is being performed for the owner, Hays County, Texas. Following, the existing condition survey, a geotechnical investigation was performed. This investigation consisted of borings placed at approximately 1000 feet on center. This subsurface investigation was used to develop pavement thickness designs in accordance with TxDOT, AASHTO and Hays County standards. Additional recommendations covered special issues such as possibility of full depth reclamation of existing pavement, noise reducing pavement, the potential re-use of existing pavement layers, embankment compaction, ground water, etc. Subsequent consultation has addressed retaining wall design and construction issues in both cut and fill situations. The pavement thickness design utilized both the geotechnical information and traffic data provided by the civil engineer representing the county. MLA Labs, Inc. is slated to observed and test all aspects of the pavement remediation and construction including Hot Mix Asphaltic Concrete (HMAC) for laydown temperature, laboratory and field density, asphalt content and aggregate gradation; Crushed Limestone Base Course for material qualification, aggregate gradation and density; embankment fill compaction and retaining wall construction. Construction is expected to begin in late 2010 or early 2011.

**Staff involved:**
Timothy R. Weston P.E. - Project Manager
Christopher Elliott – Geotechnical Project Manager

**Owner & Client Information:**
Hays County
Client: Loomis Partners (civil engineer representing Hays County)
Contact: Mr. Tracy Bratton, P.E.

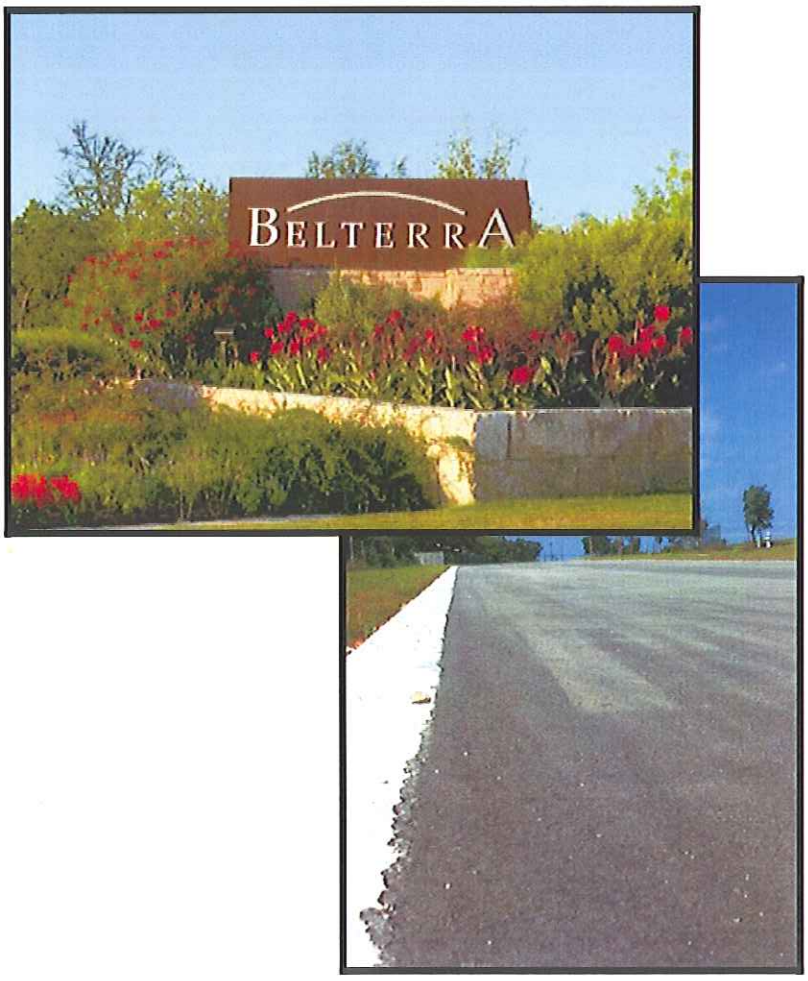
**Belterra**

MLA Labs, Inc. has been involved in the geotechnical recommendations and Construction Materials testing for every section of this planned community just northeast of Dripping Springs. Pavement designs of from residential up through Minor Collector streets were designed to meet Hays County and City of Austin specifications in both design and testing.

MLA Labs, Inc. met on site on several occasions to observe and make recommendations on groundwater affecting pavement performance in the subdivision. A team approach with the contractor, municipality and design professionals created a solution that was both technically sound and cost effective. MLA Labs, Inc. also tested all utility backfill, municipal pavements (Hays County), grading fill and poured concrete across all Phases and Sections of the project.

**Staff involved:**
Timothy R. Weston P.E. - Project Manager
Christopher Elliott – Geotechnical Project Manager

**Client Information:**
Client: Makar Properties
Contact: Steve Sherrill



# REFERENCES

Contact: Scott Deskins
Company: SCC Development
Address: 301 Congress Avenue, Suite 1550
Austin, Texas 78701
Number: (512) 329-9947
Email: sdeskins@sccdevelopment.com

Contact: Greg Chavarria
Company: Hays Consolidated Independent School District
Address: 21003 IH-35
Kyle, Texas 78640
Number: (512) 268-2141 Ext. 6024
Email: chavarriag@hayscisd.net

Contact: Joe Bland
Company: Joe Bland Construction, LP
Address: 1311 Dessau Road
Austin, Texas 78754
Number: (512) 821-2808
Email: jbland@joeblandconstruction.com

Contact: Mike Ehrhardt, P.E.
Company: JC Evans Construction
Address: 8660 183A Toll Road
Leander, Texas 78641
Number: (512) 310-4406
Email: michael.ehrhardt@jcevans.com

Contact: Allan Nutt, AIA
Address: 5121 Bee Cave Road, Suite 202
Austin, Texas 78746
Number: (512) 330-0330
Email: allan@nutt.com

Contact: Walter Hoysa, P.E.
Company: Longaro & Clarke Consulting Engineers
Address: 7501 North Capitol of Texas Highway
Building A, Suite 250
Austin, Texas 78731
Number: (512) 306-0228
Email: whoysa@longaroclarke.com

# PRINCIPALS AND OFFICERS RESUMES

**KIRBY T. MEYER, P.E.**
**CHAIRMAN**

## PROFESSIONAL REGISTRATION

Licensed Professional Engineer No. 23228 - State of Texas
Former Registered Professional Surveyor - State of Texas (inactive)

## ACADEMIC BACKGROUND

Bachelor of Science in Civil Engineering in 1957, Texas A & M University

Master of Science in Civil Engineering in 1959, Texas A & M University
Thesis title: "A Study of Certain Elastic and Plastic Strains Induced in Flexible Pavement Systems by Repetitive Wheel Loads"

Post-graduate work at Harvard University in 1969 -- Dr. Arthur Casagrande's specialized course for teachers and practicing engineers in geotechnical engineering.

Other post-graduate experience includes approximately 30 credit hours at the University of Texas at Austin in the areas of soil structure interaction and geotechnical engineering. Specialized training includes weeklong seminars in HEC-1 Hydrology and HEC-2 Hydraulics, upgrading water treatment plants, biological waste treatment, and chemical/physical treatment of wastewater at the University of Texas.

Attendance at numerous seminars and technical continuing education courses in the areas of management, geotechnical engineering, structural remediation, foundation engineering and drainage.

Teaching undergraduate *Laboratory Strength of Materials* and co-instructor of *Foundation Case Studies*, both at the University of Texas at Austin.

Presenter of numerous seminars and Continuing Education courses to builders, contractors, building inspectors, and engineering societies at national, state and local level - all of which pertain to geotechnical engineering, drainage and foundation engineering.

## BUSINESS EXPERIENCE

1959-1962: United States Air Force, primarily as a base civil engineering officer.

1962-1964: Frank G. Bryant & Associates, a geotechnical and construction materials testing laboratory in Austin.

1964-present: Owner, Director, Chairman and Senior Consultant in MLAW Consultants and Engineers and predecessor organizations, active in structural and geostructural design, pavement engineering, and forensic engineering.

1985-present: Owner, Director, Chairman and Senior Consultant in MLA Labs, Inc., a geotechnical and construction materials testing laboratory.

1987-1990: Owner, Director, Vice-President of Geomechanics Services, Inc., a foundation repair and drainage remediation company.

1996-present: Owner, Director, Officer of Geostructural Tool Kit, Inc., a software development and applications consulting company serving engineers in the areas of soil-structure interaction and un-saturated soil mechanics.

**AREAS OF COMPETANCE AND GENERALIZED EXPERIENCE**

GEOTECHNICAL ENGINEERING

Familiar with most methods of exploration, including personal experience operating drilling equipment, sampling and logging with drill rigs, excavations, indirect geophysical methods, and geologic engineering techniques. Soil mechanics laboratory testing including personal experience with running all standard tests and supervision of technicians over an extended period of time. Analysis of results including personal preparation or review of approximately 10,000 geotechnical investigative reports over more than a 40-year time span.

Knowledgeable about expansive clay problems, having written a number of technical papers on the subject and spent over 40 years studying, analyzing, and designing structures to work with expansive clays. Familiar with the genesis and development of the Potential Vertical Rise method of TxDOT, including personal friendship with Chester McDowell, the originator of this procedure. Personal knowledge of the origin and genesis of the Building Research Advisory Board procedures for slab-on-ground design including personal relationship as friend and student of Raymond Dawson, who was a professor at the University of Texas at Austin and a member of the Special Advisory Committee for the BRAB reports.

PAVEMENTS, EARTHWORK & COMPACTION

Experienced with pavement design procedures including AASHTO, Asphalt Institute, TxDOT, City of Austin, U.S. Corps of Engineers and other procedures including elastic layer analysis and use of falling weight deflectometer. Familiarity with roller compacted concrete pavement, lime, cement and asphaltic stabilization procedures. Experience includes earthwork and paving design for over 60 truck terminals and numerous other commercial pavement designs such as shopping centers and industrial sites. Experience also includes numerous municipal pavement design projects for subdivisions and arterial roads.

MATERIALS ENGINEERING AND TESTING

Experience includes over 40 years of involvement with testing laboratories as owner, manager and principal engineer. Familiar with ASTM, TxDOT, ACI, AWS, and National Timber Standards. Extensive personal experience with testing of construction materials and inspection procedures, as well as review and supervision of such activities. Performed and reviewed numerous concrete, RCCP and HMAC mix designs and laboratory investigations. Planned and reviewed testing and inspection of soil stabilization processes, pre-wetting and soil replacement techniques. Supervision and analysis of full scale structural load testing.

GEOSTRUCTURAL DESIGN

Extensive experience with soil-structure interaction analysis including laterally loaded piles and piers, foundation design including stiffened slab-on-ground, pier and beam, and spread footings. Many years of experience with post-tensioned slab-on-ground design utilizing internally developed procedures, modified BRAB and the PTI design procedures. Experience with the genesis of the various design procedures through personal friendship with H. Platt Thompson, P.E. and association with Robert L. Lytton, Ph.D., P.E., who were instrumental in developing post-tensioned procedures and the PTI procedure. MLAW and predecessor organizations have produced over 200,000 residential foundation designs of all types of which Mr. Meyer is engineer of record for over 30,000 designs. Experience in design of earth retaining structures including drilled in place, crib wall, pre-cast units and reinforced concrete cantilever structures.

STRUCTURAL DESIGN

Experience and familiarity with light framed structures. Design of structures for single family, multi-family and small to mid-size commercial structures using wood, steel, and reinforced concrete. Design of remediation of damaged structures and retaining walls.

WATER PENETRATION INVESTIGATIONS

Investigation of water penetration and building envelope failures for residences, multi-family, and schools employing weather history, ground water analysis, spray testing , free water and vapor penetration of concrete slabs testing and observation. Evaluation of designs and as-built conditions.

FORENSIC ENGINEERING

Experience includes investigation of failures of the constructed environment including approximately 5,000 study reports from small to large projects. These projects typically included design of remediation, estimating cost of remediation, analysis, consultation, litigation support and report preparation. Procedures include use of nuclear density meters, ground penetrating radar, R-Meter, Bore Scope, in-pipe camera, moisture meter, corrosion analysis and geotechnical and materials testing field and laboratory procedures. Experience includes analysis and evaluation of effects of vibration from blasting and construction equipment. Affiliated testing laboratory available. Expert testimony has included between 50 and 100 appearances to provide testimony in deposition, court, or arbitration.

CONSTRUCTION EXPERIENCE

Owner and officer in a small general contracting firm (1964 through 1966), foundation pier-drilling company (1965 through 1995), and a foundation repair company (1987 through 1991). Construction management of specialized type construction including cable car "skyrides" at Brackenridge Park and the Hemisfair in San Antonio, the Submarine Theater at Aquarena Springs at San Marcos, truck terminals at Seguin and Taylor and other projects with partial or full construction management responsibilities.

CIVIL ENGINEERING PROJECT DESIGN

Engineer of record or indirect supervision of design of a number of major land developments, municipal utility districts and over 100 subdivisions, drainage, paving, water and sewerage plants, industrial waste and site plans. Prepared and signed survey plats for the majority of these developments. Numerous small to medium size drainage, wet ground and flood studies, often involving remedial designs.

CONSTRUCTION CONTRACT ADMINISTRATION & INSPECTION

Experience includes solicitation of bids, recommendations to owners for accepting best bids, contract preparation, administration of construction, approval of contractor's pay requests, inspection of construction and warranty follow-up inspections on construction of a value of over $500,000,000. The projects included subdivision design, streets, drainage, utilities, water and wastewater treatment plants, building and site structures and earthwork. Personally inspected or reviewed inspector's reports on over 30,000 single family or multi-family residential projects.

**AFFILIATIONS, PROFESSIONAL & COMMUNITY ACTIVITIES**

American Society of Civil Engineers - Fellow

American Society of Civil Engineers, National Standards Committee—Design of Residential Structures on Expansive Soils - Member, 1996-present.

American Society of Civil Engineers, Technical Council of Forensic Engineering—Technology Implementation Committee - Member, 1997-present.

Texas Board of Professional Engineers, Residential Foundations Committee - Design Sub-Committee Chair, 1997-2001.

Post Tensioning Institute, Slab On Ground Committee - Member, 1998-Present. Chair, Geotechnical Sub-Committee, 2005-2007.

Houston Foundation Performance Committee - Member, 1998-present.

Texas Section of American Society of Civil Engineers - Residential Foundation Investigation and Design Sub-Committee member, January 2000-present.

Texas Section of American Society of Civil Engineers - Residential Foundation Evaluation and Repair Sub-Committee member, January 2000-present.

Texas Section of American Society of Civil Engineers - Award of Honor, 2000

Texas Section of American Society of Civil Engineers - (office held - V.P. Professional Affairs)

Austin Branch of American Society of Civil Engineers - (offices held - Secretary, V.P. Programs, President)

National Society of Professional Engineers

Texas Society of Professional Engineers

American Society for Testing and Materials

American Concrete Institute

American Association of Cost Engineers

National Forensic Center

Post Tensioning Institute

Tau Beta Pi

Phi Kappa Phi

South Austin Civic Club - (offices held - Secretary, President)

Austin Chamber of Commerce

Capitol City A & M Club - (office held - V.P.)

Association of Former Students - Texas A & M University

Bannockburn Baptist Church - (offices held - Building Committee-Chair, Finance Committee-Chair)

**ROBERT L. LYTTON, PhD, P.E.**
**SENIOR CONSULTANT**

## CURRENT POSITIONS

F. J. Benson Endowed Chair
Professor, Civil Engineering
Director, Center for Infrastructure Engineering, Texas Engineering Experiment Station
Research Engineer, Texas Transportation Institute
Texas A&M University

## ACADEMIC BACKGROUND

Doctor of Philosophy in Civil Engineering in 1967, University of Texas
Master of Science in Civil Engineering in 1961, University of Texas
Bachelor of Science in Civil Engineering in 1960, University of Texas

## PATENTS

"Systems Identification and Analysis of Subsurface Radar Signals," U.S. Patent No. 5,384,715.

## HONORS, AWARDS AND LISTINGS

Hamilton Watch Award, University of Texas, College of Engineering, 1960

Honorary Fellow, University of Texas, 1960-61

Graduate Fellow, National Science Foundation, 1960-61, 1965-67

John B. Hawley Award, Texas Section ASCE, 1966

Post-doctoral Fellow, National Science Foundation, 1969-70

Everite Bursary Award, Council for Scientific and Industrial Research, Pretoria, South Africa, 1984

Who's Who in Texas, 1986

Who's Who in the South and Southwest, 1988 and afterward

American Men and Women in Science, 1989 and afterward

Who's Who in America, 1993 and afterward

Who's Who in the World, 1994 and afterward

Fellow, American Society of Civil Engineers, 1992

Texas A&M University Association of Former Students Distinguished Achievement Award in Research, 1996

Transportation Research Board Distinguished Lecture, 2000

## COURSES TAUGHT(T) AND DEVELOPED(D)

CVEN 365 Soil Mechanics (T)
CVEN 435 Foundation Engineering (T)
CVEN 400 Senior Capstone Design Course (T)
CVEN 616 Systems Design of Pavements (T,D)
CVEN 646 Foundations on Expansive Clays (T,D)
CVEN 647 Numerical Methods in Geotechnical Engineering (T,D)
CVEN 613 Micromechanics in Civil Engineering Materials (T,D)
CVEN 689 Pavement Evaluation (T,D)
CVEN 689 Design and Forensic Case Studies in Geotechnical Engineering (T,D)

## LICENSES

Registered Professional Engineer, Texas #27657
Registered Professional Engineer, Louisiana #9620

## PROFESSIONAL ACTIVITIES

Control Group Member, ASCE Standards Committee on the Design of Residential Foundations on Expansive Clays, 1992-present

Control Group Member, ASCE Standards Committee on Independent Peer Review, 1992-present

Member, General Design Subcommittee, Southern Building Code Congress International, 1986-1988

Chairman, Transportation Research Board Committee A2L06 Environmental Factors Except Frost, 1987-1993

Organizing Committee, Seventh International Conference on Expansive Soils, Dallas, Texas, August, 1992

Organizing Committee, First International Conference on Unsaturated Soils, Paris, France, September, 1995

U.S. Representative on Committee TC-6, International Society of Soil Mechanics and Foundation Engineering, 1987-present

Secretary, Fourth International Conference on Expansive Soils, Denver, Colorado, June, 1980

Secretary, American Society of Civil Engineers Research Council on Expansive Soils

Transportation Research Board Committees: A2L06, Environmental Factors Except Frost; A2B01, Pavement Management Systems; A2B04, Pavement Rehabilitation; Task Force A2T59, Relating Distress to Performance; Task Force A2T56, Non-Destructive Testing of Airfield Pavements

American Concrete Institute Committee 360

Post Tensioning Institute Technical Advisory Board

Publication Advisory Board, International Journal for Numerical and Analytical Methods in Geomechanics, John Wiley and Sons

**BRIEF BIOGRAPHICAL SKETCH**

Robert L. Lytton was born in Port Arthur, Texas on October 23, 1937, a descendant of a family which came to Texas as part of Stephen F. Austin's Little Colony (1828) and contributed several soldiers to the Texan army which won Texas' independence in the battle of San Jacinto (April 21, 1836) over the Mexican Army of Operations under President Santa Anna. He attended high school in San Antonio, Texas, and graduated from the University of Texas at Austin in June 1960 with a Bachelor of Science degree in Civil Engineering. He received the College of Engineering Hamilton Watch Award, given to the graduating senior with the highest-grade average. He completed a Master of Science degree in August 1961 as a Graduate Fellow of the National Science Foundation and was inducted into the Friar Society of the University of Texas, which elects twelve students each year. He spent two years on active duty with the U.S. Army 35th Engineer Construction Group from 1961 to 1963 during the Cuban missile crisis and the beginning of the war in Vietnam. After another two years working with a consulting civil engineer in Houston, Texas, he returned to the University of Texas once more as a Fellow of the National Science Foundation. He completed his Ph.D. degree in August, 1967 and served as an Assistant Professor at the University of Texas in 1967-68.

A Post-doctoral Fellowship from the National Science Foundation permitted him to spend the next two years engaged in research on foundations on expansive soils with the Australian commonwealth Scientific and Industrial Research Organization Division of Applied Geomechanics. Returning to the United States in 1971 he entered the faculty at Texas A&M University, rising to the rank of Professor in 1976 and being awarded the A.P. and Florence Wiley Chair in Civil Engineering in 1990, and the F. J. Benson Chair in Civil Engineering in 1995. His professional interests are in Expansive Clay Theory and Design; Soil Mechanics; Soil-Structure Interaction; Soil Dynamics; Continuum Mechanics; Fracture Mechanics; Non-destructive Testing of Pavements; Pavement Analysis, Design, and Management; and Sampling, Statistical Methods, and Reliability.

**BRIEF PROFESSIONAL BIOGRAPHICAL SKETCH**

Dr. Lytton recently completed a project for the Federal Highway Administration to develop an integrated model to predict environmental effects beneath pavements. The analytical method developed uses coupled heat and moisture flow and predicts suction and temperature, freezing and thawing, and frost heave beneath pavements. The calculated results were compared favorably with field measurements made in College station, Texas; Amarillo, Texas; and Deland, Illinois. The model was used extensively in several of the SHRP Asphalt and Long-Term Pavement Performance programs.

He is the author of Chapter 13 of the textbook, "Numerical Methods in Geotechnical Engineering," (McGraw-Hill). The chapter is titled, Foundations in Expansive Soils. He teaches a graduate course in Civil Engineering at Texas A&M University on the same subject.

His doctoral dissertation was on water movement in expansive soils. His two-year period of study in 1969-70 as a Post-Doctoral Fellow of the National Science Foundation was with Dr. Gordon Aitchison of the Australian Commonwealth Scientific and Industrial Research Organization (CSIRO) Division of Applied Geomechanics on the subject of expansive soils.

In 1976-78, he conceived and supervised the research project at Texas A&M for the Post-Tensioning Institute which resulted in the publication of the manual on the Design and Construction of Post-Tensioned Slab-on-Ground which he coauthored. The design procedure contained in that manual has been incorporated verbatim into the Southern Building Code, the Uniform Building Code, and American Concrete Institute Report ACI 360R-92 on Design of Slabs on Grade.

In 1984, his pioneering work in expansive soils and foundation design was recognized by the South African Council for Scientific and Industrial Research which honored him with the Everite Bursary Award which is given to one person each year by that country and is an award of the highest distinction.

His lectures in Central and South America on the same subject are credited with having begun the highly creative and energetic research and engineering design presently being accomplished in Columbia and Mexico.

He has been a member of ACI Committee 360 on Slabs-on-Ground, and is currently a member of the Post-Tensioning Institute Technical Advisory Board, and the Southern Building Code Congress General Design Subcommittee.

Together with Dr. Chris Mathewson, of the Texas A&M University, Department of Engineering Geology, he conducted a three-year long project for the National Science Foundation to survey the damage done by expansive soils to houses in five cities in Texas: Beaumont, College Station, Amarillo, San Antonio and Waco. He developed regression analysis models of the causes of damage in each city. Each survey had at least 100 residences and a total of 700 residences were surveyed. He developed a method of modifying the Post-Tensioning Institute design of stiffened slabs to account for the variability of site conditions using a risk analysis approach.

His experience in field, laboratory, and analytical studies and his proven record of organizing and successfully completing projects which are both complex and highly significant in their impact all contribute to his well earned international reputation for creative advances in the analysis and design of foundations and pavements on expansive soils.

He was the keynote speaker at the 7th International Conference on Expansive Soils, which was held in Dallas, Texas in August 1992. He has been the United States representative on the International Society of Soil Mechanics and Foundation Engineering Technical Committee TC-6 since 1989. He presented the keynote address in the area of foundations and pavements to the 1st International Conference on Unsaturated Soils, which was held in Paris, France in September 1995. Recently, he presented the keynote address on the same subjects to the 3rd International Symposium on Unsaturated Soils in Rio de Janeiro, Brazil in April 1997.

Dr. Lytton's publications list includes over 300 technical papers, invited lectures and major reports, over a time span of over 38 years.

**JAMES C. CONNER**
**PRESIDENT**

## ACADEMIC BACKGROUND

Bachelors of Environmental Design in 1982, Texas A&M University at College Station

## BUSINESS EXPERIENCE

2003 to Present – President of MLAW Consultants & Engineers
Oversee all general daily operations, including marketing operations, acquisitions and mergers.

2001 to Present – President of MLA Labs, Inc.
Oversee all general daily operations including geotechnical services, construction materials testing, administrative reviews and marketing operations.

1998 through 2001 – Executive Vice-President of MLA Labs, Inc., Director of Marketing
Oversee all general daily operations including geotechnical services, construction materials testing, administrative reviews and marketing operations.

2002 through 2003 – Executive Vice-President of MLAW Consultants & Engineers
Oversee all general daily operations.

1995 through Present – Vice-President of MLAW Consultants & Engineers
In charge of Residential Engineering Service Division.

1990 through Present – Corporate Director of Marketing
Implemented and supervised MLAW marketing program.

1984 through 1994 – Senior Foundation Designer for MLAW Consultants & Engineers
Designed foundation and superstructure elements for light commercial and residential construction, under general review by a professional engineer. Supervised six to eight technicians, maintained client contact and supervised construction phase program.

## PROFESSIONAL ORGANIZATIONS

Associated General Contractors

Home Builders Association of Greater Austin

Dallas Homebuilders Association

North Dallas Homebuilders Association

Bryan/College Station Homebuilders Association

American Concrete Institute

American Society of Certified Engineering Technicians

Austin Contractors and Engineers Association

American Institute of Architects

Association of Soils and Foundation Engineers

## AFFILIATIONS & COMMITTEE AFFAIRS

Great Hills Country Club House Steering Committee

Great Hills Homeowners Association, Architectural Review Committee

Association of Former Students, Texas A&M University

ABC Legislative Committee

AGC Activities Committee

HBA Governmental Relations Committee

## INDUSTRY ACTIVITIES

Has presented seminars covering geotechnical investigations and slab-on-ground foundations to numerous organizations and groups, including Greater Austin HBA Essential Building Skills

**TIMOTHY R. WESTON, P.E.**
**VICE PRESIDENT**

## PROFESSIONAL REGISTRATION

Registered Professional Engineer No. 87938 in the State of Texas

## ACADEMIC BACKGROUND

Masters of Science in Civil Engineering in 1996, University of Texas at Austin, Department of Geotechnical Engineering

Bachelor of Science in Civil Engineering in 1993, Virginia Polytechnic Institute and State University (Virginia Tech)

Attendance at numerous seminars and technical continuing education courses in the areas of geotechnical, structural and foundation engineering

## BUSINESS EXPERIENCE

2001 to Present – Owner, Vice President, MLA Labs, Inc,

1999 through 2001 - Geotechnical Project Manager, MLA Labs, Inc.

1998 through 1999 - Staff Forensic Engineer, MLAW Consultants and Engineers, Inc.

1996 through 1998 - Geotechnical Project Manager, MLA Labs, Inc.

1993 through 1996 - Teaching Assistant, University of Texas at Austin, Geotechnical Engineering Department. Instructed undergraduate civil engineering students in Soil Mechanics and Introduction to Civil Engineering courses.

1994 through 1996 – Research Assistant, University of Texas at Austin, Geotechnical Engineering Department. Performed research into the effects of grain size and particle distribution on the stiffness and damping of granular soils at small strains. (Funded by Italian Institute for Soil Mechanics)

## AFFILIATIONS AND COMMUNITY ACTIVITIES

Continuing Professional Development Committee Chair, American Society of Civil Engineers – Texas Section (2006 to present)

ASCE Austin Branch –Teacher of Geotechnical Engineering PE Exam Review Course (2006 to present)

Tau Beta Pi National Honor Society

Chi Epsilon Civil Engineering Honor Society

American Society of Civil Engineers, Active Member

Greater Austin Contractors and Engineers Association, Active Member, Legislative Committee

Real Estate Council of Austin, Active Member

# KEY PERSONNEL

*Timothy R. Weston, P.E. – 1997*
*Vice President*
See resume in Principals and Officers Resumes.

*Matthew B. (Matty) Weston – 2002*
*Field Operations Manager*
Mr. Weston supervises all in-house testing ensuring accuracy and strict adherence to all applicable testing standards. Mr. Weston manages all field and laboratory technicians and monitors project budgets and invoicing. Mr. Weston is also a laboratory and field construction materials testing technician with eleven years of experience.

*Gregg Drake – 1991*
*Technical Project Manager and Senior Estimator*
Mr. Drake reviews project specifications and drawings to determine an approximate estimate budget for commercial testing. Mr. Drake is responsible for determining all applicable construction materials testing standards for a project and ensuring that all field technicians are aware of the same. He has 22 years of experience in the testing of construction materials and holds credentials of NICET Level III for Asphalt, Soil, and Concrete. Mr. Drake is also the MLA Labs, Inc. safety and radiation safety officer and is certified as a grade 1 field technician by the American Concrete Institute (ACI).

*Chris Elliott – 2003*
*Geotechnical Project Manager*
Mr. Elliott manages all geotechnical projects and provides technical support for all other types of projects. He directs sampling techniques for drilling and laboratory testing on soil samples gathered during the drilling phase of a project. Mr. Elliott uses the data gathered during drilling to analyze the particulars of the project in accordance with the project scope. Mr. Elliott then implements design recommendations and prepares preliminary reports for review by the Engineer. He assists the Engineer with field and laboratory procedures on all soil samples.

*Larry Schilling – 1996*
*Senior Field Technician – Construction Materials Testing*
Mr. Schilling is responsible for supervising and performing tests on field and laboratory samples in accordance with applicable recognized procedures such as ASTM or TxDOT Methods. He has 35 years of experience in the testing of construction materials and holds credentials of NICET Level III for Asphalt and Concrete and NICET Level II for Soil. He is also certified as a grade 1 field technician by the American Concrete Institute (ACI) and TxAPA HMA Roadway Specialist Level 1B certified by TxDot.

*Sandy Turnbow – 2003*
*Senior Field Technician – Construction Materials Testing*
Mr. Turnbow is responsible for supervising and performing tests on field and laboratory samples in accordance with applicable recognized procedures such as ASTM or TxDOT Methods. He has seven years of experience in the testing of construction materials and is certified as a grade 1 field technician by the American Concrete Institute (ACI) and TxAPA HMA Roadway Specialist Level 1B certified by TxDot.

*Randy Rigney – 2007*
*Field Technician – Construction Materials Testing*
Mr. Rigney performs field-testing including density, concrete, structural steel, post tension, HMAC and coring. He has three years of experience in the testing of construction materials and holds credentials of NICET Level II for Asphalt, Soil and Concrete. He is also certified as a grade 1 field technician by the American Concrete Institute (ACI).

*Galen Kemp – 2005*
*Field Technician – Construction Materials Testing*
Mr. Kemp performs field-testing for densities, concrete, structural steel, post tension, HMAC and coring inspections. He has five years of experience in the testing of construction materials. Mr. Kemp is certified as a grade 1 field technician by the American Concrete Institute (ACI).

*Brian Albritton – 2010*
*Field Technician – Construction Materials Testing*
Mr. Albritton performs field-testing for densities, concrete, structural steel, post tension, HMAC and coring inspections. He has five years of experience in the testing of construction materials. Mr. Albritton is certified as a grade 1 field technician by the American Concrete Institute (ACI).

*Kris Baxter – 1999*
*Senior Drill Operator*
Mr. Baxter has 11 years of operating and maintenance experience with the entire fleet of MLA Labs, Inc. drill rigs and 30 years overall in the drilling industry. He has sampled in every soil and geologic formation in Central Texas and is proficient in all methods of sampling subgrade material in Texas.

*Terry Broussard – 1997*
*Senior Drill Operator*
Mr. Broussard has 13 years of experience as a drill operator for MLA Labs, Inc. and can operate all units in MLA Labs, Inc.'s fleet of rigs. He has sampled in every soil formation in Central Texas and is proficient in all methods of sampling subgrade material in Texas.

*Stephen Poldrack – 1997*
*Senior Lab Technician*
Mr. Poldrack has been working in the laboratory at MLA Labs, Inc for seven years. He is proficient in all aspects of soil and aggregate testing and is the company's senior HMAC lab technician. Mr. Poldrack is Level 1A Plant Production Specialist certified by TxDOT and the Texas Asphalt Paving Association.

*Steven Bunkley – 1996*
*Senior Lab Technician*
Mr. Bunkley has 13 years of experience as a lab technician for MLA Labs, Inc. He is proficient in all aspects of soil and aggregate testing with a particular concentration in moisture density relationships (proctors) and concrete testing. Mr. Bunkley is accredited as a Grade 1 Lab Strength Technician by the American Concrete Institute.

*Seleana Lewis – 2005*
*Controller/ HR Director*
Ms. Lewis prepares initial account set up and oversees billing of all projects. She reviews project budgets and manages accounts payable & receivable staff. Ms. Lewis performs all HR manager responsibilities.

***Christina Colley – 2005***
***Scheduling Coordinator***
Mrs. Colley schedules all testing services for clients on all Construction Materials Testing projects. She assists clients with any questions or concerns that may arise pertaining to the specific project.

***Shauna Strehler – 2007***
***Contracts Manager***
Mrs. Strehler is responsible for all contract administration. Her duties include the drafting, evaluation and execution of all proposals and contracts. She ensures that all staff affected by the contract are aware of the contract arrangements.

***David Butcher – 2008***
***Manager-Planning and Support Services***
Mr. Butcher is primarily responsible for providing planning and support services to civil engineers and/or their clients, and oversees any and all Phase I Environmental Site Assessments in conjunction with Timothy Weston, P.E. In addition, Mr. Butcher brings nearly a decade of CAD experience to MLA Labs, Inc. and creates all the borings plans for our geotechnical investigations.



# MLA LABS, INC.

**Geotechnical Engineering and**
**Construction Materials Testing**
*"put us to the test"*

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Fax: 512-835-5114

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Vice President
Mobile: 512-848-3264
Email: trweston@mlalabs.com

Mr. Matthew B. (Matty) Weston
Field Operations Manager
Mobile: 512-748-2253
Email: mbweston@mlalabs.com

Mr. Christopher Elliott
Geotechnical Project Manager
Mobile: 512-748-6069
Email: cpelliott@mlalabs.com

Mr. Gregg D. Drake
Technical Project Manager & Senior Estimator
Mobile: 512-848-2672
Email: gddrake@mlalabs.com

Mrs. Christina Colley
Scheduling Coordinator
Mobile: 512-848-3784
Email: cncolley@mlalabs.com