THOMAS JENKINS

Baltimore, MD | [redacted]

***PROFILE*:** Senior Civil Structural Engineer with over 22 years of hands on experience in Civil Structural Engineering and Construction engineering within domestic and internationally owned companies.

EDUCATION: [redacted] University, Houston Texas
Graduated: August 1984; Major: Civil Engineering Degree: Bachelor of Science.

CERTIFICATIONS: Certified Post Tensioned; Certified concrete inspector by Washington Area Council of Engineering Laboratory Tests (WACEL); Field testing training; State of Maryland Certified in Erosion and Sediment Control: Certificate [redacted], Virginia Department of Transportation (VDOT): HCC Field (1991); Mid-Atlantic Region Technician Certification Program [redacted], FAA Eastern region P 401 plant Mix Bituminous Materials, 20 hours OSHA Training.

SPECIAL SKILLS: Strong Knowledge with the FAA Standard, Specification and Advisory Circulars, Airport Field Construction, Airport in Pavement light fixtures installation, field knowledge-awareness of all construction processes related to civil/ Structural engineering such as (Airports, Bridges / Highways, Buildings, garages, Rail, and Refinery) Experience in managing and maintaining technical knowledge regarding all aspects of construction technique such as Airports "Concrete Runway and Taxi way installation", " In pavement light fixtures installation", Airport terminal and garage construction, Bridge / Highway Construction, Structural Steel installation, Post Tensioned Concrete, Pre-Cast Structural Concrete installation, Retaining walls installation, Reinforcing Concrete, Field Welding, Excavation, New Utility lines installation, Existing Utility relocation, Removal and installing underground storage tanks, existing Bituminous pavement milling and resurfacing, concrete bridge deck pavement, Bituminous pavement and FAA Eastern region P-401 Plant mix Bituminous materials, sub-grade, sub-base, masonry wall, curb & gutter, concrete and pavers sidewalk, removal of concrete slab by hydro demolition, extensive shoring installations and carpentry, electrical, mechanical HVAC and plumbing.

BUSINESS EXPERIENCE:

[redacted] **for Lockheed Martin for FAA:** **From 12/2007 – Present.**

Senior Civil Structural / Construction and QA Engineer: Implement civil engineering concepts, methods, principle for the Federal Aviation Administration (FAA) as a Senior Civil Engineer / Construction, QA Engineer for Implementation to support the Runway Status Lights (RWSL) System. Propose solutions to mitigate risks and ensure the consistent application of engineering processes, methodologies, and best practices in the RWSL integration and construction implementation of the field lighting systems. Perform duties with full technical independence. Perform a construction cost estimate. To monitor goals, milestones, and established schedules to ensure that implementation milestones and action items are met. To monitor construction and lighting systems installation and to ensure work been install in compliance with contract Standard, Specification and FAA advisory circulars. Research, write, review and analyze the technical data produced by the contractor to ensure the system is developed and documented in accordance with requirements and regulations. Produce consistently quality and professional work products from remote location while maintaining contact with program office.

[redacted]: **From 04/07 – 09/07.**

Lead Civil Structural Engineer : to supports all of the services required in refinery design, including steel structures designs and fabrication to be conforms with American Institute of Steel Construction, and Structural weld procedures are prequalified under AWS D1, Foundations, lifting plans, earthwork, sewer designs, water treatment. To produce drawings, plot plans utilizing a variety of dedicated computer-aided design systems to accomplish objectives.

- Generates material take-off from drawing documentation.
- Identify the suitability and availability of materials.
- Travel to work shop to make dimensional check of fabricated structural steel modules.
- Involved in problem-solving sessions to find solution to problems

Working on Taq Taq Refinery Complex Project in an undeveloped location in[redacted] consists of the design, engineering, procurement and fabrication of a 20,000 BPD (Barrels per day) modularized diesel refinery capable of producing six products.

[redacted]**Corporation: From 02/ 2006 - 04/ 2007**.

Resident Engineer - Worked[redacted]in Austin TX, Responsible for activities to construct an enclosure for the new exterior emergency generator, installing 1250KW, 1563KVA standby power generator system and electrical equipment yard.

Resident Engineer - Worked at[redacted]National Cemetery project at San Antonio, TX, for pre-placed 6000 Crypts (Design-Build). Construction consists of Crypts fabrication on site, handling, placement.

[redacted]**Transportation Group Inc.: From 08/20 04 - 01/ 2006.**

Civil Field Engineer: Working for Baltimore Washington International Airport, Baltimore, MD: Responsible for observing and examining all phases of construction for complex single or multiple projects, on or off site, to ensure compliance with contract specifications. Working with and motivating the contractor(s) to perform work safely, on schedule and in accordance with building standards, as well as report and record all significant job developments are essential duties.

Terminal B/C Apron Reconstruction[redacted]: Installing new 10" 12" main water line, Replacing 15" thickness concrete pavement with Portland cement P-501 (700 Flex) between terminal B/C Apron in BWI Airport. 15 R Triturator Building and power gate A improvements[redacted]: The Building construction consists of connecting to existing utility, cast-in-place foundation(footings, pedestals and access well), construction of a pre-engineered building consisting of steel columns and beams, split-faced CMU wall and metal roof, building complete with it system, and the building site work including new bituminous pavement and landscaping placement to support the functioning and operation of the facility.

Terminal A/B Expansion[redacted] – Baltimore/ Washington International Airport: Constructing New Terminal for southwest airline at BWI. Hourly Garage Renovation[redacted]: Work includes repair damage concrete and expansion joints, power wash the interior deck surface on all floor, installing storm water leader guards, sealing and remarking deck surfaces, cleaning and re-lamping all light fixtures re-furbishing finishes in select stairwells and elevator cabs, as well as painting and resigning the exit plaza canopies and toll booths.

Landside operations Center-Phase II ([redacted]): Work includes demolishing existing construction and building new facilities including partitions, ceiling, finishes, carpentry, HVAC, Plumbing, Lighting, power and special systems on the upper level of pier B at Baltimore / Washington International Airport.
Pier D- Women's Restroom Relocation ([redacted]): The work consists of renovations to provide a restroom located on the upper level of pier D at Baltimore/ Washington International Airport.

[redacted] Associates Inc.: From 04/ 2004 – 08/ 2004.
Quality Assurance Civil Engineer for NASA's Goddard Space Flight Center.
Responsible to provides the support of the Goddard Space Flight Center's facility Construction, restoration, repair, rehabilitation, replacement of the existing steam pipes, existing water main relocation.

[redacted] Construction Company, Inc.: From 01/20 04 - 04/ 2004.
Civil QC/QA Engineer, (CSA) for the Eli Lilly PWC Project in Manassas, Virginia. Project went on hold due to budgetary considerations and a delay in construction.

[redacted] Construction Services: From 08/ 1998 - 01/20 04.
Civil/Structural Senior Field Engineer, Baltimore Washington International Airport, Baltimore, MD:
Responsible for activities, action and procedures performed before and after execution of the work to guard against deficiencies and ensure that proposed construction complies with contract requirements. Work includes post tensioned concrete, concrete ramps, retaining walls, pre-cast concrete panels, concrete parking structure, site utilities including water, sanitary, storm water, sediment and erosion control, Portland cement and bituminous concrete paving, and traffic control. Projects include:
Consolidated Rental Car Facility([redacted])Construction consists of an on-grade parking facility, two level post tensioned concrete parking structure garage; concrete ramps; Vehicle Bridge; precast concrete panels; water main installation, concrete pipe installation, public road improvement, and auxiliary buildings. New Tenant Parking Facility (MAA - CO-01-008) Construction consists of a new tenant parking facility, and an upgrade to Stony Run Road and Ridge Road. Work included clearing and grubbing of the land, cut & fills of the land, new bituminous concrete pavement, new Portland cement, concrete pavement, new concrete curb and fence.
Customer Service Building Complex([redacted])Construction of a Customer Service Building Complex, within the area bounded by Consolidated Rental Car Facility Parking Garage.
Single story steel-framed structure with steel joist and metal roof deck. The Facility houses a high bay central public core area surrounded on three sides by lower height support Spaces, including offices and public restrooms.

Senior Structure Field Engineer for the Virginia Department of Transportation NOVA District-Wide on the Woodrow Wilson Memorial Bridge over Potomac River at Alexandria, VA.
Assigned for the rehabilitation design for the replacement of the gird deck panels and stringers on the bascule span, removal and replacement of the median steel barriers, rear dam plates and finger joint plates, the replacement of Bascule span machinery brakes, masonry joint repair to the control tower, structural steel repair crack in various structural steel members and in welds by installing new strengthen plate and angle members found in the superstructure of the bridge. Rehabilitation to air buffer at eight locations adjusted and shimmed the lock bar assemblies at the receiving socket and front guide to tolerances specified on the contract document.

Lead Civil field Engineer for Mass Transit Administration of Maryland project on MARC Service Extension to Frederick Maryland: Assigned as a lead civil engineer for construction of a 3.4 miles of new track commuter traffic on the old CSXT right-of-way, included new building for, Suburban station, Downtown station and Overnight train storage yard in Frederick. Responsible for civil construction earthwork, drainage, existing utility relocation, retaining walls, removal of existing track, and drilling rock and soil compaction grouting.

Civil Field Engineer: Working temporary as field Engineer on the DC Department of Public Work Projects. Responsible is to monitoring the work of construction contractors to insure quality control and contract compliance on a wide variety of roadway projects throughout DC area (Concrete Pavement, Utility relocations, Curb and gutters, concrete sidewalk, Pavers walk and landscaping.)

Field Engineer to develop designs of communication lines for the purpose of the KNS Level 3 Long Haul projects. Level 3 Communications - Fiber-Optic Cable Project: Quality control manager for field Data/field engineer for the 800 miles of field data which needs to be collected for the final design and as built information of this region.

From 04/ 1998 - 08/ 1998.

Civil Superintendent for Clark Construction Group in Bethesda MD: For the new Washington convention center in Washington D.C. Responsible for relocation all existing under ground Utilities, Installing new under ground Utilities lines prior to new construction, coordinating all construction activities with residents, coordinating all safety and MOT during construction.

Associates, P.C.: From 11/ 1996 - 04/ 1998.

Civil Engineer: Assigned to the National Institutes of Health (N.I.H) Building 10 Parking Garage Renovation. Restoration and repair of the ACRF (Ambulatory Care Research Facility) parking garage involving three floor levels totally about 560,000 SF.

Engineering, Inc.: From 03/ 1995 - 11/19 96.

Civil Field Construction Engineer: For State Highway Administration of Maryland in District Three projects. Responsible is to ensure that all construction aspect of the assigned project was completed in the accordance with approved construction plans, specifications, approved submittals, and applicable regulations, Maintained quality Control in accordance with contract requirements.

LTD: Supervisor: From 04/ 1992 - 12/ 19 94.

Project manager at Maintenance division: For General services, renovation and repair manager in the official residence project of King Fahd in Riyadh area at Al-Yam amah Palace & Shura Complex (The House of Parliament) a huge project with over four hundred persons assigned for the new construction work, maintenance and general services operation.

Metropolitan Area Transit Authority: From 12/ 1987 - 03/ 1992.

Civil Field Construction Engineer: Responsible for technical construction inspection work in compliance with plans and specifications involving construction projects for the Metro Rail and Metro Bus Systems.

Possess knowledge of the principles and practices of engineering and heavy construction and demonstrated ability to inspect a broad range of contract construction work.

[redacted]**Engineering and Sciences, Inc.: From 04/ 1985 - 12/ 1987.**
Civil Field Construction Engineer for State Highway Administration of Maryland in District one projects. Responsible for observing and supervising construction inspection for all activities on major roadway and bridge/structure projects.

U.S. Citizen*:* and Security Clearance is available.

Reference letters are available upon request.