

William Todd Thurber, P.E.

EDUCATION

1988-1994 Masters in Business Administration (Finance)
The University of Houston – University Park

1982-1986 Bachelors of Civil Engineering (Transportation)
The University of Texas at Austin
Chi Epsilon Honor Society, Tau Beta Pi Association

REGISTRATION

Professional Engineer, State of Texas, No 71420

EMPLOYMENT

Jacobs Engineering Group, Inc (formerly Carter & Burgess, Inc.), Houston, Texas

September 2008 to Present- Transportation Manager of Projects

December 2007 to August 2008- Transportation Unit Manager

November 2004 to November 2007- Assistant Transportation Unit Manager/ Associate at C&B

As Manager of Projects, managing all financial aspects of eight project managers and projects totaling millions in net revenue for FY 2009. Projects ranging from environmental to transit to highway to program management. Coordinating with several managers of engineering for technical aspects of projects. Good relationships in Montgomery, Brazoria, and Fort Bend Counties. Have won or sold three jobs worth millions in fee (include METRO HOT Lanes). Projects include US 290, Schematic environmental, SH 99 Seg B, METRO HOT Lanes, SH 201, re-establishing rail and planning. Managed to keep 70% of project managers and key staff through transition to over 3 years, better than any other office for C&B. Avoided major write-downs which plagued other departments and other companies acquired by Jacobs by watching financials, focusing staff on quality and clients. Successfully transferring several projects to other staff. Chair of several sales teams. Still overseeing infrastructure PU revenue (See Admin review) Successfully running client satisfaction surveys.

As Unit Manager, began the transition from C&B to Jacobs, including integration of staff, new assignments, conversion of projects, and serving on transition team.

As Assistant Unit Manager, effectively ran unit consisting of highway, environmental, transit, and began managing airport. Last year of C&B had over a million in net revenue and managed 41 people. Went from 32 to 41 in two years just prior to merger and Tx DOT slow down. Successfully increased work sharing among offices.. Developed business plans, and met all goals, increasing sales and profit margin largest in region for three years running. Successfully transitioned to Unit Manager with staff. Staff managed first pass through program, and I coordinated staffing resources to get projects through. Began QA/ QC program. Review of all proposals/ LOI's going out of unit. As an Associate, had just completed Management Course for future potential shareholders in C&B prior to purchase by Jacobs.

Key achievements include:

- Work sharing amongst offices.
- In 2004, Tx DOT Coordination Committee helped to increase statewide shortlist rate to 45%, which led to winning contracts totaling over \$8 million.
- From 2008-2010, managed key projects for estimated construction cost in millions of dollars, and sold over \$6 million in gross fee.
- Effective leadership during and after acquisition transition, kept percentage old staff, maintained revenue of old staff, maintained sales of old staff, during down economy.
- Began establishing political relationships as lead in Montgomery, Fort Bend, and Brazoria Counties.
- Established QA/ QC for C&B and began using. Instituted and assisted in maintaining QA/ QC program for the technical and constructability review of all projects. No major technical issues for claims during that time.

ARCADIS G&M, Inc. (formerly WSBC Civil Engineers, Inc.), Houston, Texas

January 2004-November 2004- Tx DOT Client Manager

May 1998 to December 2003- Roadway Department Manager/ Associate Principal at WSBC

June 1995 to May 1998- Project Manager

As Tx DOT Client Manager, chaired Committee that coordinated all Tx DOT marketing efforts for the Houston, Lufkin, and Austin offices. Responsibilities included meeting with Tx DOT staff to identify and market target projects, preparing Letters of Interest for nine districts, and assisting on the 2005-2007 regional and office strategic plans.

As Roadway Department Manager, managed the operational aspects for 22 personnel. This department was part of the Transportation Business Practice that consisted of 36 people with 2003 net revenue of \$5.6 million. Major tasks performed included all personnel activities (staffing assignments, year end staff reviews, and disciplinary), technical oversight of all projects including complete QA/ QC on several, marketing activities (preparing LOI's, attending political and professional functions), yearly strategic planning and meeting financial goals of department). As an Associate Principal, was a minority shareholder in WSBC prior to purchase by ARCADIS.

As Project Manager (including performing my other roles), provided complete schematic, environmental document preparation, and plans, specifications, and estimates (PS&E) on over 25 highway projects for eight Tx DOT Districts and Harris County. Projects included urban freeway reconstruction (**IH 410, IH 610, IH 37/ US 77 and IH 37/ SH 358 interchanges, LARGEST CONTRACT EVER LET**), widening rural highways from a 2- lane to 4- lane facility (PROJECTS), new location 4- lane facility (PROJECTS), off-system and on- system bridge replacements, and 3R/ 2R rehabilitation projects. Managed on average six projects a year, taking on average three projects to letting per year. Project tasks performed included negotiating final man hour estimates and contracts, project scheduling, financial reviews and invoicing, client coordination, managing sub-consultant activities, and providing technical supervision to project staff. In addition, assisted in the preparation of environmental documents, (including wetlands determinations and hazardous materials investigations), and participated in over 15 public meetings and public hearings. Skilled in the use of Micro station, PRIMAVERA, GEOPAK, WINSTORM, and many office related software packages.

Key achievements include:

- In 2004, Tx DOT Coordination Committee helped to increase statewide shortlist rate to 45%, which led to winning contracts totaling over \$8 million.
- From 2001-2003, managed 11 projects that let for a total of \$340 million, managed over \$12 million in gross revenue, and sold over \$6 million in gross fee.
- From 1998- 2004, implemented and assisted in maintaining internal training program for department staff
- Instituted and assisted in maintaining QA/ QC program for the technical and constructability review of all projects.
- Coordinated program to establish consistent application of GEOPAK amongst all users. Was successful in reducing the amount of time spent developing cross sections and earthwork by approximately 35%
- Integral part of team that increased the number of Tx DOT districts served by the Houston office from four to 12, and the number of projects an average of 2 to 15 per year.

Raytheon Infrastructure Services, Inc., Houston, Texas

May 1994 to June 1995 – Project Manager

Managed three sanitary sewer projects (North Side, Kress Relief Line, and Unincorporated areas of Carverdale) from design to construction for the City of Houston Greater Houston Wastewater Program. Lines ranged from 10" to 48", both open cut and tunneled, with a total construction cost of over \$10 million. Tasks included managing a project team of four people, preparation of preliminary engineering reports, presentations to City Technical Review Boards, final plans, specifications, and estimates, right- of- way acquisition, railroad permitting, and construction phase services.

Provided engineering assistance for roadway projects for Tx DOT (Removal of the Baytown Tunnel) and the Harris County Engineering Department. Tasks included developing horizontal and vertical geometry, plan profile sheet preparation, cost estimation, and QA/ QC

Bernard Johnson Incorporated, Houston, Texas

November 1989 to May 1994- Project Manager

Managed and provided engineering support on over 10 projects that included roadway design for the City of Houston (Drexel, Suffolk & Piping Rock Neighborhood Streets) and METRO (Gessner/ IH 10 interchange and Memorial City Way), site design for Federal Government projects for the Department of Energy (Pantex Plant Central Shipping Facility), U.S. Army (Enlisted Housing, White Sands, New Mexico), U.S. Navy (Fuel Tank Farm, Roosevelt Roads, (Puerto Rico), and the U.S. Air Force (Taxi Way Improvements, Tinker Air Force Base, Oklahoma City)

Provided Land Development and hydraulic engineering for master planned communities in Brazoria County (Country Place, Southwyk / Silverlake), Montgomery County (Imperial Oaks, Drainage District No. 6), Harris County (Concorde Bridge), and apartment complexes and banking facilities in Harris County (Memorial City Terrace, NationsBank branch offices)

Provided miscellaneous tasks for sanitary sewer relief lines for the City of Houston Greater Houston Wastewater Program, drainage studies for industrial facilities, and coastal engineering for Houston Fuel Oil Terminal and the Matagorda County Seawall Commission in Palacios, Texas

Texas Department of Transportation, Houston District (Schematic Design Section)

January 1987 to November 1989- Engineering Assistant

Provided schematic design, feasibility studies, and environmental document preparation on highway projects including IH 610 West Loop, SH 35 from IH 45 to IH 610, FM 2271, FM 3005 in Galveston. Tasks included geometric design, capacity analysis of freeway main lanes, diamond interchanges, and standard intersections, and cost estimation for project funding purposes. Assisted in the development of environmental documents and holding public meetings and public hearings.

ORGANIZATIONS

American Society of Civil Engineers

Fort Bend Chamber of Commerce

- Board Member 2010-2011

Society of American Military Engineers, Houston- Galveston Post

- Young Members Committee Member
- Assisted on 1993 TEXOMA Regional and 1999 National Conferences held in Houston
- Board Member, Awards Committee Chair 1995 to 1999
- Young Engineer of the Year 1998

North Houston Association, Transportation Committee

Alliance for Brazoria County, Transportation Committee

ACTIVITIES

St. Agnes Academy- Dad's Club Active Member

Westbury ASA Girls Softball Association

- Board Member- Treasurer
- Head/ Assistant Coach-

Delta Sigma Phi Fraternity Alumni Association

- Eta Chapter University of Texas Board Member
- Gamma Xi University of Houston Board Member
- Houston Area Alumni Association President, Board Member, Outstanding Alumni 1996
- Houston Foundation Campaign Committee Member- fundraising for scholarships

The University of Texas Ex- Students Association- Life Member

The University of Texas Longhorn Foundation

The University of Houston Alumni Association