



Mayor of Providence

Angel Taveras

HAND-DELIVERED

January 7, 2011

Honorable Members
Providence City Council
City Hall

Dear Honorable Members:

Pursuant to Sections 302(b) and 1011 of the Providence Home Rule Charter of 1980, as amended and Public Law, Chapter 45-50, Sections 1 through 31 passed in 1987, I am this day re-appointing Bruce Bartel, of 114 Jastram Street, Providence, RI 02908, as a member of the Building Board of Review for a term to end January 3, 2015, and respectfully submit the same for approval.

Sincerely,

Angel Taveras
Mayor

AT/gc

IN CITY COUNCIL

FEB - 3 2011

READ
WHEREUPON IT IS ORDERED THAT
THE SAME BE RECEIVED AND APPROVED

CLERK

Bruce D. Bartel, P.E.

114 Jastram Street
Providence, RI 02908

401-861-4025

EDUCATION:

Bachelors of Science, Civil Engineering (Structures), Cornell University, Ithaca, NY 1988

CERTIFICATIONS:

Professional Engineer, State of New York (License No. 072003), Rhode Island (License No. 7551)

EXPERIENCE:

Zieman Engineering, Stamford, CT

January 2010 to Present

Project Engineer

Structural design and detailing of temporary structures for bridge contractors. Erection and demolition procedures including crane selection and layout.

Commonwealth Engineers and Consultants, Providence, RI

October 2003 to January 2010

Project Engineer

Structural design of highway bridges for Rhode Island Department of Transportation including the Sakonnet River Bridge. For the Sakonnet River Bridge, I was involved in design of individual portions of the ~3,000ft long project, foundation test programs, and shop drawing review for final bridge construction.

Oversaw development of two foundation test programs for the Sakonnet River Bridge. First test program installed and load-tested h-piles, 42-inch diameter pipes, and installation of a 6ft diameter pipe pile. Second test program installed and tested 6ft diameter pipe piles with and without end bearing fixture to depths in excess of 250ft. Load test for partially end-bearing pile was 6,500kip load test. Project engineer responsible for plan and specification development, coordination with the client (RIDOT), and shop drawing review for piles and load test frame.

Duties also included design calculations, specification writing, scheduling, and cost estimation for other RIDOT projects; namely Royal Mills Bridge arch bridge rehabilitation.

Structural design and detailing of temporary structures for bridge contractors. Erection and demolition procedures including crane selection and layout.

Structural lifting operations, jacking brackets, shoring frames for pier replacement (supported I-295 & Route 146), formwork design, and other miscellaneous designs to facilitate construction (work platforms, walkways, etc.).

Crane erection plans and check of effects of cranes on proposed structure (erected box beams from newly erected adjacent box beam spans).

Maguire Group Inc., Providence, RI

May 1999 to October 2003

Project Engineer

Structural design of highway bridges for RIDOT and MassHighway. RIDOT bridge design work included "I-Way" arch bridge in downtown Providence. Structural lifting operations for 1200kip truss bearing (Calvin Coolidge Bridge in Northampton & Hadley, MA). Duties included design calculations, specification writing, and cost estimation. Structural design and detailing of temporary structures and demolition & erection procedures for bridge contractors. Erection procedure including crane selection, layout, and design of temporary shoring towers and grillages for erection of 7ft deep New England Bulb Tee prestressed concrete girders. (Cranston Street Viaduct over Amtrak in Cranston, RI).

Pare Engineering Corp., Lincoln, RI

September 1997 to May 1999

Senior Project Engineer

Project Engineer for highway bridge projects for RIDOT and Mass Highway. Duties include design calculations, drawing creation and checking, and cost estimating. Project Engineer for structural evaluations for The Providence and Worcester Railroad Co. Evaluations include rating bridges on Main Line, Norwich Branch (~30 bridges), and Union Station Viaduct in Worcester, Mass. Rating reports include future inspection requirements and cost estimate for rehabilitation/repair. Structures include 160' and 234' through trusses, built-up girder and rolled steel beam spans, and timber structures.

American Bridge Co., Pittsburgh, PA/Lisbon, Portugal

January 1996 to July 1997

Field Engineer-25th of April Bridge Rehabilitation (New Suspension Cable)

Structural design for temporary structures required for the construction of a new suspension cable. Shop drawing creation and review for steel castings and temporary structures.

CTE Engineers, New York, NY

November 1992 to January 1996

Structural Engineer - Bridges

Computer Analysis and Structural Design

Computer Analyses and design for highway and railroad bridge structures in and around New York City.

Deerkoski Engineers, Warwick, NY

May 1991 to November 1992

Structural Engineer

Performed detailed calculations for the design of temporary structures related to erection and demolition of highway bridges, railroad bridges, and heavy industrial buildings. Work performed included structural lifting operations, analysis of crane loadings, analysis and strengthening (as needed) of existing structures, and earth retaining structures. Worked with timber, steel, and concrete super- and sub-structures.

Plan International, Guaranda, Ecuador

August 1988 to December 1990

Peace Corps Volunteer

Designed new water systems and rehabilitated existing systems in the Bolivar Province of Ecuador. Duties included design and lay out of water distribution piping and storage tanks, material estimates, and construction supervision.

References available upon request.