Mayor of Providence

Jorge O. Elorza

December 17, 2019

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 civil engineer member of the Building Board of Review for a term to end January 1, 2025, and respectfully submit the same for your approval.

Sincerely,

Jorge O. Elorza
Mayor

IN CITY COUNCIL
JAN 16 2020
READ
WHEREUPON IT IS ORDERED THAT
THE SAME BE RECEIVED AND APPROVED
CLERK

City Hall, 25 Dorrance Street, Providence, RI 02903
Phone (401) 421-7740 Fax (401) 274-8240

Bruce D. Bartel, P.E.

114 Jastram Street
Providence, RI 02908

401-861-4025/401-347-4128 (cell)
bdbartelri@gmail.com

EDUCATION:

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

CERTIFICATIONS:

Professional Engineer, Rhode Island (License No. 7551)

EXPERIENCE:

CDR Maguire (name changed from Maguire Group), Providence, RI — **June 2011 to Present**

Project Engineer

Structural design of highway bridges for MassDOT. Project Engineeer for replacement of a 99ft bridge in Framingham, MA. Structural design and detailing of temporary structures and demolition & erection procedures for bridge contractors.

Zieman Engineering. Stamford, CT — **January 2010 to June 2011**

Project Engineer

Structural design and detailing of temporary structures for bridge contractors. Erection and demolition procedures including crane selection and layout. Erection procedure for Sakonnet River Bridge (~2200ft, 10ft deep Box Girders).

Member - City of Providence Building Board of Review, Providence, RI — **April 2004 to Present**

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 calculations, specifications, and cost estimation. Structural design and detailing of temporary structures and procedures for bridge contractors. Shop drawing review for all shop drawing submissions for Sakonnet River Bridge including foundation testing program (8ft diameter driven pipe pile and 6,500,000LB test frame).

Maguire Group Inc., Providence, RI — **May 1999 to October 2003**

Project Engineer

Structural design of highway bridges for RIDOT and MassHighway. Projects included 400ft tied arch Providence River Bridge and jacking of 1200kip truss bearings. Duties included design calculations, specification writing, and cost estimation. Structural design and detailing of temporary structures and demolition & erection procedures for bridge contractors.

Pare Engineering Corp., Lincoln, RI — **September 1997 to May 1999**

Senior Project Engineer

Project Engineer for highway bridge projects for RIDOT and Mass Highway. Project Engineer for structural evaluations and rating of ~30 P&WRR bridges and Union Station Viaduct in Worcester, Mass. 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 – Bridge 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 including structural lifting operations, analysis of crane loadings, analysis and strengthening (as needed) of existing structures, and earth retaining structures.

Plan International, Guaranda, Ecuador — **August 1988 to December 1990**

Peace Corps Volunteer

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