

## Edward J. Gutierrez, P.E. President & CEO



### Education

- Bachelor of Science/Civil Engineering with emphasis on Hydrology/Hydraulics Studies, Land Planning & Development, and Structural Analysis.  
University of Texas at El Paso - 1977

### Registration

- Registered Professional Engineer  
State of Texas – No. 76967

### Affiliations

- National Society of Professional Engineers
- Texas Society of Professional Engineers
- American Society of Civil Engineers
- American Water Works Association
- Structural Engineering Institute
- Society of Professional Building Designers

### Professional Experience

- Garcia & Associates Engineering, Inc.
- ENSERCO, Consulting Engineers & Technical Services
- U. S. Environmental Protection Agency
- Missouri Pacific Railroad Co. /Texas & Pacific Railway Co.
- City of El Paso - Department of Engineering

Years of Experience: Overall 34: JEA HydroTech 23

Ed served as a commissioner on the City of Arlington Planning and Zoning Board from 2006 to 2010. He is the past President of the DFW/Mid Cities Chapter of the Texas Society of Professional Engineers and is Chapter Chair for the scholarship program. He was named the 2009 TSPE DFW/Mid Cities Engineer of the year.

## Significant Project Experience

Mr. Gutierrez's engineering accomplishments include the design and layout of storm drain gravity and pressure systems for numerous commercial and residential subdivisions, public roadway arterials that include Stuart Drive and Rosedale Avenue in Fort Worth, Texas, and the Monroe/Van Buren Couplet in El Paso, Texas. Other storm drain related project design work has involved numerical analysis for quantifying stormwater runoff flows for Meacham International Airport.

Achievements involve "reinforced earth" technology. Success in this field includes the design and construction of earthen dams, storm drain channels, stormwater detention facilities, and slope stabilization remediation.

While serving on the City of Arlington Planning and Zoning Board, Mr. Gutierrez enhanced his experience in interpreting and implementing city ordinances. He was instrumental in co-authoring city wide building design standards and ordinances for both commercial and residential developments. Other significant work included developing guidelines for assessing city impact fees within the capacity of the city's Capital Improvement Program Advisory Committee (CIPAC).

- **Ruthe Jackson Center (RJC) Gardens –Grand Prairie, TX**

The City of Grand Prairie Department of Parks retained JEA HydroTech to plan and design new facilities to enhance the amenities of the City's Ruthe Jackson Center. The planning and design centered around a cascading meandering water feature (reinforced concrete). Design work earned a nomination for the 2009 Golden Trowel Award in the Hardscape/Landscape Category through the Masonry Contractors Association.

- **Preston Trail Country Club - Dallas, TX**

The project design objective was to restore channel slope failures and re-establish effective land use. Specific consideration was given to the use of geogrid and geotextile materials to accomplish the project's objective. Specific design tasks include: hydrological modeling (quantifying stormwater runoff flows); flow characteristics (velocities, WSEL, etc.); evaluating support soil properties; and, determining specific geosynthetic materials.

Other areas of responsibilities included: consulting with General Contractor regarding construction approach procedures; and, performing periodic construction observations.