

Daniel Martinez, P.E. Project Engineer



Education

- Bachelor of Science/Civil Engineering
Texas Tech University at Lubbock, Texas
2001

Registration

- Registered Professional Engineer
State of Texas – No. 103309
State of Colorado – No. 42185
State of Louisiana – No. 34639
State of New Mexico – No. 19388
State of Oklahoma – No. 24431

Certifications

- Environmental Noise Measurement and Analysis
- Stormwater Management and Erosion Control
- HEC-RAS-Steady Flow Computer Modeling
- HEC-RAS Culvert Hydraulics

Affiliations

- Texas Society of Professional Engineers

Professional Experience

- URS Corporation – Colorado Springs, Colorado

Years of Experience: Overall 11; JEA HydroTech 6

Daniel's experience in Hydrology and Hydraulics includes analysis and design of projects for drainage and roadway improvements from inception through construction.

He has prepared drainage reports, flood studies, plans and profiles, grading plans, storm water management plans, quantity and cost estimates, specifications, bid documents and construction documents.

Project Experience

- [Ambient Noise Study, CH Enterprise Natural Gas Well – Arlington, TX](#)
Project Engineer. Preparation of Ambient Noise Study to establish the predrilling ambient and proposed allowable noise levels at natural gas well site. This included performing acoustic measurements with a sound level meter, calculating ambient and allowable noise levels and preparation of report.
- [Rachwal Natural Gas Well - Bartonville, TX](#)
Project Engineer. Project was for the design and permitting of an access driveway, culvert crossing and roadside ditch. Provided design of site plan, grading and drainage plan, and traffic control plan. This included preparation of a FEMA Letter Of Map Revision for Loving Branch by compiling hydraulic floodplain models based on HEC-2 and HEC-RAS and preparation of topographic floodplain map. Project required coordination with the client, Texas Department of Transportation, FEMA, and the Town of Bartonville to obtain project approval.
- [Big Green Car Wash Machine – North Richland Hills, TX](#)
Project Engineer. Preparation of traffic control plans for construction of driveway entrance and lane striping including coordination with City officials to obtain permit approval.
- [Hidden Creek Estates - Copper Canyon, TX](#)
Project Engineer. Responsibilities consisted of reviewing available HEC-RAS computer models of Pointdexter Creek for the construction of a new vehicular bridge and develop the hydraulic model to incorporate the new structure. Also, included was the delineation of the Floodplain/Floodway for the computed 100 yr. storm frequency, preparing the Letter of Map Revision (LOMR) and the Conditional Letter of Map Revision (CLOMR) per FEMA regulations.