# Jacob Garza P.E.

**Principal Engineer**

**Civil Engineering Experience:** 10+ years
**Years with G&H:** Since firm inception


## Principal Engineer

Garza & Hernandez Engineering

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### CERTIFICATIONS

- Professional Engineer – Texas – 146645
- Professional Engineer – Arkansas – 22788
- Professional Engineer – Colorado – 66210
- Professional Engineer – Kansas – PE30672
- Professional Engineer – Oklahoma – 35050

## PROFESSIONAL SUMMARY


Jacob Garza, P.E., serves as Principal Engineer for Garza & Hernandez Engineering and will serve as Project Manager and Engineer of Record for Hidalgo County task orders assigned to the firm. His experience includes civil infrastructure design, drainage analysis, water distribution, wastewater collection, roadway and paving improvements, utility coordination, floodplain-related review, construction document preparation, and construction-phase support. His role includes responsible charge over engineering decisions, technical review, QA/QC approval, regulatory coordination, and document issuance for civil engineering deliverables.


## ORGANIZATIONAL ROLE

As Principal Engineer / Project Manager / Engineer of Record, Mr. Garza will maintain final technical authority for assigned Hidalgo County task orders. He will confirm scope requirements, assign technical resources, coordinate design criteria, oversee civil engineering production, review drainage and utility assumptions, coordinate with reviewing agencies, and authorize sealed engineering documents. He will also serve as the primary technical point of contact for Hidalgo County unless otherwise directed by task order.

## KEY RESPONSIBILITIES & EXPERTISE

- Responsible charge for civil engineering services.
- Project management and technical oversight.
- Drainage, grading, paving, water, wastewater, and utility coordination.
- QA/QC review of plans, calculations, specifications, and technical deliverables.
- Coordination with public agencies, utility providers, drainage districts, and reviewing authorities.
- Construction-phase support, including RFIs, submittal review, field coordination, and close-out support.

## LICENSURE AND CERTIFICATION HISTORY

| License / Certification | Issuing Entity | License / Reg. No. |
|---|---|---|
| Professional Engineer – Texas | TBPELS | 146645 |
| Professional Engineer – Arkansas | Arkansas State Board | 22788 |
| Professional Engineer – Colorado | Colorado Board | 66210 |
| Professional Engineer – Kansas | Kansas Board | PE30672 |
| Professional Engineer – Oklahoma | Oklahoma Board | 35050 |
| OSSF Installer II – Texas | TCEQ | OS0034892 |
| OSSF Site Evaluator – Texas | TCEQ | OS0035100 |

## 12-MONTH PROJECT PARTICIPATION LIST

| Project | Client / Owner | Brief Summary | Role |
|---|---|---|---|
| **Lull Hills Phase 1 Subdivision** | Primera Land, LLC<br>La Villa, TX | Civil infrastructure plans including water, wastewater, drainage, paving, grading, SWPPP, erosion control, traffic control, and coordination with Hidalgo County Drainage District No. 1 and the City of La Villa. | **Engineer of Record / Project Manager** |
| **Cardinal Landing Subdivision** | Balderas LLC<br>Alton, TX | Civil infrastructure plans including water, wastewater, paving, drainage, grading, erosion control, sidewalk, traffic control, signage, striping, and municipal coordination. | **Principal Technical Review / Project Manager** |
| **Moras de Mayo Subdivision** | Primera Land, LLC<br>Alton, TX | Civil infrastructure plans including water, wastewater, paving, drainage, grading, erosion control, sidewalk, signage, striping, and traffic control. | **Engineer of Record / Project Manager** |
| **STC Pecan West Traffic Control Plan** | South Texas College<br>McAllen, TX | Traffic control planning for an active institutional environment addressing construction phasing, site access, pedestrian circulation, vehicular circulation, and emergency route preservation. | **Project Manager / Responsible Charge** |