

## AMANI ENGINEERING, INC.

Amani Engineering, Inc. is a civil engineering and surveying firm established in 1999 and located in Houston. For over two decades, Amani has been providing Civil Engineering, Land Surveying, and Subsurface Utility Engineering (SUE) services for several Public Infrastructure, Facilities and Site Improvement projects. Amani's engineers have extensive experience in Paving, Drainage, Storm Sewers, Water, Wastewater, Traffic Engineering and Design for infrastructure projects for the Cities of Houston, Pasadena, Pearland, LaPorte, Galveston; Counties of Galveston, Harris, Fort Bend, Montgomery; Colleges and School Districts. Amani can provide engineering reports, detailed design, estimates and construction phase services. With Amani you get the best of civil engineering, and surveying services under one roof.

## LICENSES AND CERTIFICATIONS

Amani is certified as a Minority Business Enterprise by the City of Houston and HMSDC, Historically Underutilized Business by the State of Texas, a Small Business Enterprise by Port of Houston as well as Pre-certified with TxDOT in various work categories. Our company maintains adequate insurance coverage that includes general liability, automobile, workers compensation and professional liability/errors and omissions.

## KEY ADVANTAGES

- One-stop service. Distinct advantage of in-house survey /SUE teams for immediate mobilization.
- Full-service, from survey, preliminary engineering, final design, cost estimation to construction management.
- High level of flexibility in scheduling projects.
- Competitive, flexible fee structure to ensure fair pricing while delivering high quality services.
- Quick turnaround, while effectively meeting client's needs.
- Familiarity with the City's, County's and State's standard specifications, details, contract and design guidelines, requirements and procedures.

## PROJECTS

### Wastewater

- Fountain View Regional Lift Station, COH
- Wastewater Force main Renewal & Replacement, COH
- LS Consolidation – Knox, Randolph & Grenshaw, COH
- Kirkwood #3 Lift Station Diversion, COH
- Neighborhood Sewer System Improvements, COH
- Sims Bayou Service Area Lift Stations Consolidation Study, COH
- LS Replacement, Elcary, Catalina & Winding Rd., City of Pasadena
- Ten (10) Lift Stations improvements at Bush IAH, HAS
- Condition Assess. and Rehab. Recommendations, WW Collection, HAS

### Water

- Small Diameter WL Replacement, ~700,000 LF, COH
- Condition Assessment & Rehab Design of Above Grade Crossing, COH
- East Water Purification Plant Filter Gallery Improvements, COH
- Water Line Extensions, Fort Bend County
- Water Line Extensions, City of Pasadena
- Guthrie Ground Storage Tank and Well, City of Pasadena
- Swea Gardens Water Plant and Interconnect with COH, Harris County
- 30" Waterline Interconnect, City of Pearland

## Roadway/Traffic

- Buffalo Speedway Grade Separation at Holmes Road, COH
- Bagby and Smith Street Intersection Improvements, COH
- York Street Reconstruction, COH
- Hillcroft Avenue Reconstruction, COH
- Reconstruction of Broadway from IH-45 to Airport Blvd., COH
- Hughes Road Reconstruction, COH
- Westheimer Road Reconstruction, Upper Kirby
- Mueschke Road Improvement, Pct. 3, Harris County
- Huffmeister Road from SH-6 to West Road, Pct. 4, Harris County
- Schiel Road from Fairfield Place to Mason Road, Pct. 3, Harris County
- Highlands Area Cold-in-Place Recycling, Pct. 2, Harris County
- Becker Road Improvements, Pct. 3, Harris County
- Tomball Tollway (SH 249), HCTRA
- South Post Oak Roadway/Drainage, Pct. 1, Fort Bend County
- Intersection Improvements, Montgomery County
- Four Traffic Signals along Grant Road, Pct. 4, Harris County
- Three Intersection Improvements, Pct. 1, Fort Bend County
- Five Traffic Signals Improvements along Lockwood Drive
- Traffic Signal Improvements, Montgomery County
- Harlem & Plantation Signal Design, Pct. 1, Fort Bend County

## Storm Drainage/H&H

- Mason Creek Storm Water Detention Pond Expansion, HCFCD
- Channel Erosion Repairs, K133-00-00, HCFCD
- Channel Erosion Repairs, E110-00-00, HCFCD
- Improvements to Channel G103-27-00 Crossing Irrigation Canal, HCFCD
- Holmes Road Reconstruction, COH
- H&H Impact Analysis for Waterline Aerial Crossings, COH
- Drainage Study and Detention Design, South Post Oak, Fort Bend County
- On-Call Local Drainage Improvements, Pct. 2, Harris County

## Private Utilities

- AT&T Conduit & Fiber Optic Design
- Comcast Conduits Design
- Conflict Investigations and Resolution Design
- Utility Coordination and Agreements

## CLIENTS

- |                         |                             |                            |
|-------------------------|-----------------------------|----------------------------|
| • AT&T                  | • Fort Bend County          | • Lone Star College System |
| • AECOM                 | • Fort Bend ISD             | • Montgomery County        |
| • Arcadis               | • Freese & Nichols          | • Midtown Engineers        |
| • Binkley & Barfield    | • Galveston County          | • MWH/Stantec              |
| • Block & Veatch        | • Harris County/HCFCD/HCTRA | • Neel Schaffer            |
| • Brazoria County       | • Houston ISD               | • Othon                    |
| • Brown & Gay           | • Half Associates           | • IDS Engineering          |
| • City of Houston       | • HAS                       | • Parsons                  |
| • City of Missouri City | • Huitt Zollars             | • Port of Houston          |
| • City of Pasadena      | • Jacobs                    | • S&B Engineers            |
| • City of Sugar Land    | • KIT Professionals         | • Tomball ISD              |
| • City of LaPorte       | • RPS/Klotz                 | • United Airlines          |
| • CDM                   | • Landtech                  | • Walter P. Moore          |
| • CP&Y                  | • LAN                       | • Weston Solutions         |
| • CivilTech Engineering | • LJA Engineering           | • WSP                      |
| • Dannenbaum            |                             |                            |



# Amani Engineering, Inc.

• Engineers • Surveyors

**ONE STOP SHOP FOR YOUR  
ENGINEERING AND SURVEYING NEEDS!**



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*Amani "Mother Earth"*



**LOCAL EXPERIENCE**

**WASTEWATER**

- Lift Station Evaluation, Rehab/Upgrade
- Collection System Evaluation and Rehab Design
  - WWTP Improvements
  - Neighborhood Sewer System Improvements
  - LS & WWTP Service Area Studies
  - I/I Studies & Remedial Design
  - Diversion/Relief Sewer Design
    - Sewer System Evaluation Surveys
    - Planning and Modeling



**WATER**

- Water Main Replacement Design
- Water Main Transmission Design
- Pump Station Improvements
- Rehabilitation Expansion
- Treatment Plant Improvements
- Storage Facilities Design



**TIMELY DELIVERY**

**DRAINAGE STUDIES/ENGINEERING**

- HEC RAS/HEC-HMS/Houstorm
- Storm Water Management Modeling
- Hydrology & Hydraulic Study/Report
- Feasibilities Studies
- Impact/Conveyance Analysis
- Condition Assessment of Existing Systems
- Storm Detention Basin Design
- Open Channel & Detention Facility
- Drainage Ditches/Streams Improvement & Design
- Flood Plain Delineation/Mitigation
- Storm Water Pollution Prevention Plans (SWPPP)
- Storm Water Quality Management Plans (SWQMP)

**ROADWAY DESIGN**

- Roadway/Pavement Design
- Neighborhood Street Reconstruction
- Pavement Condition Assessment
- Airport/Transit Facilities Design
- Traffic & Intersection Studies
- Turning Lanes & Medians
- Feasibility Studies

**ESTABLISHED IN 1999**

**Amani Engineering, Inc.**  
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[www.amaniengineering.com](http://www.amaniengineering.com)  
**713-270-5700**

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**LAND SURVEYING**

- Design Survey
- Site/Route Topography
- Bathymetric Survey
- 3D Scanning
- ROW Easement Survey
- Boundary Survey
- Title Search
- Legal Description
- ALTA Survey
- Plating & Replatting
- Construction Survey



**SUBSURFACE UTILITY ENGINEERING (SUE) & PVT UTILITIES**

- QL D, C, B & A Services
- Conflict Investigation and Resolution Design
- Utility Agreements
- Agency Permitting
- Utility Coordination
- Telecommunications Conduits Design
- Fiber Option Cable Design

**TRAFFIC ENGINEERING**

- Traffic Signal Design
- Construction Sequencing/Phasing
  - Lane Closure/Detour Plans, Striping plan
  - Traffic Control Plans During Construction
- Temporary Traffic Signals
- Intersection and Turn-Lane Improvements
- Traffic Analysis

**SITE ENGINEERING**

- Parking Lot Design
- Paving & Grading
- Site Utilities
- Drainage Studies
- Airport Facilities
- SWQMP
- Permitting

**RESPONSIVE**

**QUALITY ORIENTED**