

EDUCATION

- **University of Texas,**
- B.S., Civil Engineering, 2014
- Associates Certificate,
- Business Administration

LICENSES & CREDENTIALS

Engineer-in-Training
(Texas) #58572

ACHIEVEMENTS

- Eagle Scout (BSA)

As an Engineer in Training and with 5+ years of experience in the Central Texas design and engineering industry, Sanaa brings outstanding understanding of **project valuation** that includes public utility, pavement, landscaping, drainage, and water quality infrastructure. Mr. Rahman is experienced with all aspects of project lifecycle including client interaction, contracts and bid award procedures, coordination of permitting process with various public agencies, and overseeing technical staff. Mr. Rahman is proficient in many aspects of project development, including utility design, drainage, and storm water pollution prevention plans (SWPPP). Mr. Rahman has exposure with generating construction documents, **due diligence reports**, environmental assessments, **cost estimates**, and contract documents.

ACCOMPLISHMENTS

- ◆ **Created proposals and labor forecasts** for commercial site designs such as self-storage sites, commercial offices, medical facilities, unforeseen sinkholes in a residential neighborhood, and a sanitary sewer line.
- ◆ Managed project design discussions with the client and used Civil3D to update site plans based on city, county, and client feedback.
- ◆ Engineered, designed, and successfully managed the bidding process for a 2,500 linear foot, low-pressure sanitary sewer line for 40 houses and a motel.
- ◆ Developed ten turn-key commercial site plans for various projects including restaurants, strip malls, gas stations, office buildings, and submitted them to appropriate public agencies for approval/permitting process.
- ◆ Created **engineering proposal documents** for various residential land development projects involving city/county agencies such as the City of Austin, Travis County, LCRA, and TCEQ.
- ◆ Created a plan and profile of a major box culvert under HWY 71 using site measurements and Civil3D for an adjacent commercial site; I conducted HEC-RAS analysis and consulted the TxDOT and City of Austin engineers on the effects of additional flow from the proposed site and potential design/engineering solutions.
- ◆ Conducted drainage studies by delineating drainage areas, and created/improved efficiencies for storm sewer networks with tools such as Civil3D and StormCAD
- ◆ Performed **due diligence**, reported findings, and provided plans and specifications for well construction/completion projects for TCEQ submission and approvals.
- ◆ Conducted FMT (Financial, Managerial & Technical) assistance for private water companies by creating reports listing solutions for systems in need.
- ◆ Reviewed water distribution plans, profiles, and specifications using TCEQ guidelines and design requirements; I provided letters of approval, conditional approval or feedback on projects which failed to comply with set standards.
- ◆ Creating & managing supply-chain for a development project through design to construction with an emphasis on decarbonizing the process.

PROJECT EXPERIENCE

Jollyville Traffic Control Plan

Austin, Texas

Sanaa created a traffic control plan for a project off Jollyville Road between Hamilton Road and Morado Circle. By using the City of Austin transportation criteria manual and land development code, he submitted the project and collaborated with city staff on comments, suggestions and permitting. (2017)

Quik Trip – AW Grimes Blvd & Grand Avenue Pkwy

Round Rock, Texas

Sanaa serves as Junior Engineer for this commercial site to be converted into a QT Gas Station. Provided design and engineering for site, drainage, and erosion control plans. He worked with City of Round Rock Engineering department for submittals, applied corrections per city comments and conducted site inspections for landscaping, driveway approaches along AW Grimes Boulevard and amended a design change for a section of curb & gutter to address an additional light pole. (2019)

Quik Trip – South Mays Street

Round Rock, Texas

Sanaa served as a Project Coordinator for the Quik Trip off 2231 South Mays Street in Round Rock, Texas where he provided project inspections during the construction phase. These inspections included landscaping, paving, drainage and storm sewer portions of the Quik Trip. Sanaa worked with contractors for close-out procedures per City of Round Rock guidelines. (2019)

Public Storage Facility

Dallas, Texas

Sanaa served as a Junior Engineer for a Public Storage Facility in Dallas, Texas where he created and submitted the site plan package to City of Dallas for permitting. Part of the project duties involved designing, engineering site plan sheets including dimensional plan, drainage plan, landscaping plan, site erosion control plan, W/WW plan and profiles, and construction details. He worked with client's civil engineering team to make changes to plan sheets based on their comments. Sanaa collaborated with city engineers and consultants to provide changes and resubmittals for the permitting process. (2017)

Construction Company Headquarters

Austin, Texas

Sanaa served as a Junior Engineer for a construction company placing their new headquarters off Ben White Boulevard near Highway 71 and 183 intersection. He worked with supervising Engineer to create site plan, provide exhibits for wetlands region adjacent to site, which were used as a reference when designing the site. Sanaa collaborated with City of Austin Environmental Engineering department to ensure the protection of wetland region and erosion control plan as a part of the permitting process. (2018)

Wooldridge Elementary School

Austin, Texas

Sanaa was a Project Coordinator on the Wooldridge Elementary School paving project where he created a due diligence report, dimensional site plan, and various exhibits for client meetings and submittals for city permits. (2015)