

AGHA ENGINEERING LLC

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Firm Number #20817
DBE HUB MBE SBE
TxDOT ADMIN QUALIFIED

Agha Romero is a Texas firm providing professional engineering services and construction engineering inspection. The firm specializes in infrastructure services including Transportation, H&H and Drainage, CEI, 3D Visualization & BIM.



Bentley AEL is a Certified Bentley Training Partner in OpenRoads Designer & Storm Modeling

ABOUT AGHA ROMERO

Agha Romero (AEL) is a Houston based consulting firm that provides professional engineering and construction services. AEL has developed an expertise for transportation, drainage, hydrologic & hydraulic analysis, and construction engineering inspection services on public infrastructure projects. AEL utilizes the latest BIM (Building Information Modeling) technologies to maximize efficiency,

quality, accuracy, and deliver projects on budget and on time. AEL has experience serving a variety of stakeholders and clients including federal, state, city, municipal and private partnerships. The firm is quickly growing, doubling in size in 2022, and expected to continue the trend for 2023. Firm serves in a prime capacity on multiple PER H&H studies and PS&E projects in Harris County.

MEET THE OWNERS



Majed Agha, PE ,MSc
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Juan Romero, PE
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Agha Romero had the opportunity to develop a relationship with HDR through the TxDOT Drive Program. As an emerging DBE firm, Agha Romero was able to bridge the information gap by receiving key industry updates, advice on procurement strategy, training focused on operations and project management, and regular ongoing exchange covering common interests related to TxDOT and other local governments. We look forward to

continuing this relationship with our mentor HDR beyond the terms of the program, with the opportunity to partner on future project pursuits and collaborate to deliver technical excellence for our clients. Agha Romero also had the privilege of meeting other TxDOT Drive Program participants and TxDOT staff along the way, helping to strengthen our professional network across the state.

PROJECT HIGHLIGHTS

■ Boudreaux SWDB PER, HCFCF

Serving as Prime Consultant, Harris County Flood Control District
Contract Amount: \$867,000.00 (PER Phase). Design Phase contract TBD.
Scope of Work: H&H, PER Report, Develop Preliminary
Conceptual Alternatives for the basins, analyze performance metrics to meet project goals of reducing flood risk in the watershed.
Project Reference: Majed Agha Project Manager

■ All- Electronic Tolling PS&E, HCTRA

Subconsultant to HALFF ASSOCIATES/Harris County Toll Road Authority (HCTRA)
Contract Amount: Approx \$800,000.00 Sub Fee (Beltway 8, Section 3, IH-10 to US-59). Total Contract, Approx \$9 Million.
Scope of Work: TCP Task LEad, 3D Corridor Modeling and Cross Sections Task Lead
Project Reference: Juan Romero Project Manager

■ FM 1463 CEI, TxDOT HOU DISTRICT

Subconsultants to Woolpert, TxDOT
Contract Amount: \$761,355.00 (Sub Fee), Total Contract Approx \$8 mill
Scope of Work: Providing general construction engineering inspection support, scheduling support, assistance with redesigns if necessary, inspection of all drainage structures.
Project Reference: Juan Romero Project Manager

Roadway (PSE/SCHEMATIC)

Experience with developing Urban, Ruraland Metro for Schematics and preparation of PS&Es. Includes Tollroads, Pedestrian and Bike facilities, and Design Build.

Hydrology & Hydraulics

Experience with 1D/2D HEC-RAS Watershed studies, roadway impact analysis, detention basin design and optimization, 1D/2D InfoWorkcs/ XP-SWMM. Bridge Scour/Bridge Hydraulics.

Construction Engineering Inspection

Experience with General Inspections, Scheduling and CPM, Utility Coordination and relocations. Concrete Inspection, Drainage Facilities, Structures, Bridge, RFI's and ENV Docs.

DRIVE Mentor



Angela Stoddard, P.E.
Vice President
Gulf Coastal Transportation Business Development Leader
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Through the TxDOT DRIVE Program, HDR has built a relationship with Agha Romero which includes several identified teaming opportunities on project pursuits. We look forward to the opportunity to convert these pursuits to project wins to progress our partnership through the project delivery process with both Agha Romero and HDR priming contracts.