

SIEGFRIED

ENGINEERING & CONSTRUCTION, LLC

PRESIDENT & CEO

ROBERT H. SIEGFRIED, PE, MBA

VP & SENIOR PM

JESSE GARCIA, PE

REGIONAL VP & CEI PM

LUCIO F. ORTIZ, PE

ADDRESS

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CERTIFICATIONS

DBE CERT. No. 20-12-13705
HUB CERT. No. 1454102647300
SBE CERT. No. 1670
TBPELS No. F-14029

ABOUT THE FIRM

Headquartered in Houston, Texas, Siegfried Engineering & Construction, LLC was founded in 2011. It is a full-service firm established to design, repair, and manage construction of roads & bridges, public works, and land development.

SOLID FOUNDATION

Siegfried is built on a solid foundation of expertise & experience. Senior leadership offers over 100 years of combined experience designing and managing traffic, transportation, and public works projects. We bring more than 50 years of combined experience managing TxDOT projects, personnel, schedules, and budgets.

CERTIFIED FOR BUSINESS

Siegfried Engineering & Construction is a certified SBE, HUB, and DBE company. The firm is pre-certified in numerous TxDOT work categories and growing every month.



TOTAL PROJECT SUCCESS!

**TxDOT WORK CATEGORY
PRE-CERTIFICATIONS**

- 1.1.1 Policy Planning
- 1.2.1 Systems Planning
- 1.3.1 Subarea/Corridor Planning
- 1.4.1 Land Planning/Engineering
- 1.5.1 Feasibility Studies
- 1.6.1 Major Investment Studies
- 2.2.1 Air Quality Analysis
- 2.12.1 Socio-Economic and Environmental Justice Analyses
- 3.2.1 Route Studies & Schematic Design
- 4.2.1 Roadway Design
- 4.4.1 Freeway Interchanges
- 4.5.1 Constructability Review
- 5.2.1 Bridge Design
- 7.1.1 Traffic Engineering Studies
- 7.3.1 Traffic Signal Timing
- 7.4.1 Traffic Control Systems Analysis, Design, and Implementation
- 7.5.1 Intelligent Transportation Systems
- 8.1.1 Signing, Pavement Marking, and Channelization
- 8.2.1 Illumination
- 8.3.1 Signalization
- 8.4.1 ITS Control Systems Analysis, Design, and Implementation
- 8.6.1 Rail-Highway Design
- 9.1.1 Bicycle & Pedestrian Facility Development
- 10.2.1 Roadway Hydraulic Design
- 10.4.3 Pump Stations-Structures
- 11.1.1 Roadway Const Mgmt & Inspection
- 11.2.1 Bridge Const Mgmt & Inspection
- 11.3.1 Construction Superintendent
- 11.4.1 Environmental Inspections
- 11.6.1 Const Schedule Support-General
- 11.7.1 Construct. Schedule Support-Sched of Roadway Design
- 12.1.5 Portland Cement Concrete Placement
- 12.1.7 Embankment/Subgrade/Backfill/Base Placement
- 12.2.1 Concrete Plant Inspection and Testing
- 18.5.1 Utility Construction Management and Verification
- 18.6.1 Utility Management & Coordination Oversight



ROBERT SIEGFRIED, PE, MBA

Founder & President, Robert H. Siegfried, PE, MBA, brings over 34 years' experience in transportation engineering and construction management. Throughout his career, Siegfried has assembled project teams with leading firms to provide quality service & deliverables throughout the Lone Star state. Recent CEI project experience includes Work Authorization and Specific Deliverable projects for TxDOT in Atlanta, Austin, Beaumont, Corpus Christi, Dallas, Houston, and Yoakum Districts.

- IH 10 CARDINAL/EASTEX FREEWAY INTERCHANGE | TxDOT BMT
- SH 242 | NEEDHAM ROAD TO IH 69/US 59 | TxDOT HOU
- US 59 | FM 2108 TO 1.15 MI SOUTH OF WHITE OAK CREEK | TxDOT LFK
- IH 45 | NORTH OF FM 517 TO SOUTH OF FM 1764 | TxDOT HOU
- IH-45 | SOUTH OF FM 2351 TO SOUTH OF MEDICAL CTR DR | TxDOT HOU
- US 290 RECONSTRUCTION & WIDENING | TxDOT HOU



JESSE GARCIA, PE

VP & Senior PM, Jesse Garcia, PE, brings 35 years of experience managing major roadway design projects. He served 10 years as TxDOT Area Engineer in Ft. Bend & Houston, where he managed construction on several major CEI projects. His combined TxDOT and consultant experience add up to a thorough, hands on understanding of policy, design, and construction.

- US 290 | 36 MILES FROM IH 610 TO FM 2920 | TxDOT HOU
- FM 2234 | FT BEND TOLLWAY TO FM 521 | TxDOT HOU
- FM 521 | BW 8 TO FM 2234 | TxDOT HOU



LUCIO ORTIZ, PE

Regional VP & CEI PM, Lucio Ortiz, PE, brings 34 years of TxDOT engineering experience to the team. He served as Director of Construction for the Houston District, from 2015 to 2021, where he administered all District construction contracts for highways, bridges, and related structures. As Area Engineer over the Southeast Region, from 2011 to 2015, Ortiz led several notable projects.

- SH 146 | PORT ROAD TO RADCLIFFE ROAD | TxDOT HOU
- IH 45 | KURLAND STREET TO MEDICAL CENTER BLVD | TxDOT HOU

TOTAL PROJECT SUCCESS!