



## 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
- 3.4.1 MINOR BRIDGE LAYOUTS
- 4.1.1 MINOR ROADWAY DESIGN
- 4.2.1 MAJOR ROADWAY DESIGN
- 4.3.1 COMPLEX HIGHWAY DESIGN
- 4.4.1 MAJOR FREEWAY INTERCHANG AND DIR. CONN.
- 7.1.1 TRAFFIC ENGINEERING STUDIES
- 7.3.1 TRAFFIC SIGNAL TIMING
- 7.4.1 TRAFFIC CONTROL SYST. ANALY., DESIGN IMPL.
- 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 ANALY., DESIGN & IMPL.
- 8.5.1 HIGHWAY-RAIL GRADE CROSSINGS
- 9.1.1 BICYCLE AND PEDESTRIAN FACILITY DEVELOPMENT
- 10.4.3 PUMP STATION-STRUCTURES
- 11.1.1 ROADWAY CONSTRUCTION MAN. & INSPECTION
- 11.2.1 MAJOR BRIDGE CONSTRUCTION MAN. & INSP.
- 11.3.1 CONSTRUCTION SUPERINTENDENT
- 11.4.1 ENVIRONMENTAL INSPECTIONS
- 11.6.1 CONSTRUCTION SCHEDULE SUPPORT-GENERAL
- 12.1.5 PORTLAND CEMENT CONCRETE PLACEMENT
- 12.2.1 PLANT INSPECTION AND TESTING



Certified HUB /DBE/SBE:



## Who We Are

### About Us

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*Siegfried Engineering & Construction, LLC is a Houston based engineering and consulting firm with 100 years of combined experience providing planning, design, and construction management services in the public and private sectors. Market areas include Construction, Engineering & Inspection(CEI), Traffic/ITS & Transportation, Public Works, and Land Development.*

**Certifications: TxDOT, DBE, SBE, HUB**

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## Contact Us

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ENGINEERING &  
CONSTRUCTION, LLC

LEADERSHIP – EXPERIENCE  
QUALITY – RESULTS

# Services

## Construction Engineering & Inspection

- Project Management
- Roadway Inspection
- Bridge Inspection
- Environmental Inspect
- Utility Engineering
- ACI – Field/Strength Cert.
- HMA Certification
- SW3P Certification



## Traffic & Transportation

- Traffic Studies
- Traffic Design
- Traffic Control Plans
- Route Studies & Schematic Design
- Roadway Design
- Highway Design
- Drainage Design
- Design-Build Road/Traffic/ITS/Illumination



## Public Works

- Neighborhood Sewer System Improvement
- Pump Station Improv
- Drainage Improve.
- Water Main Design



## Land Development

- Site Plans
- Traffic Impact Analysis
- Drainage
- Permitting Access



# Experience

## Construction Engineering & Inspection

- IH 45 CEI, TxDOT Houston
- SH 242 CEI, TxDOT Houston
- BW 8 CEI, HCTRA
- Condition Inspect, HCTRA
- Condition Inspect, FBCTRA
- US 290 CEI, TxDOT Houston
- SH 99 CEI, TxDOT Toll Division
- US 59 CEI, TxDOT Lufkin
- IH 10 CEI, TxDOT Beaumont
- South Texas CEI, TxDOT CRP/ YKM Districts



## Traffic & Transportation

- SH 21 – TxDOT Tyler
- US 271 – TxDOT Tyler
- RM 652 – TxDOT El Paso
- SH 35 – TxDOT Houston
- SH 359 ITS – TxDOT Laredo
- IH 10 ITS – TxDOT Beaumont
- SD 335/SH 136-TxDOT Amar.
- FM 3180 – Mt. Belvieu /TxDOT Houston
- SH 99 Segment E, HCTRA/TxDOT Houston
- SH 99 Segment H,I Design-Build – TxDOT Hou
- US 281 – TxDOT Pharr
- IH 30 – TxDOT Atlanta
- IH 35 Design-Build – NTTA/TxDOT FTW
- Gosling Rd – Harris County
- Wallisville Rd – Harris County
- Vickery Rd – Harris County
- Hughes Road – City of Houston
- Metro Engineering On-Call - Metro



## Public Works

- Hughes Road Recon., COH
- Neighborhood SSI, COH
- Holmes Rd San. Sew., COH
- Flood Gauge/Flood, COH
- Water Plant Rehab., CSL
- Traffic & ITS, On-Call, HC
- Traffic & Engineer, On-Call, COH



# Clients

- TxDOT
- City of Houston
- Local Municipalities
- HCTRA
- NTTA
- Harris County
- Montgomery County
- Brazoria County
- Home Builders
- Land Developers
- Engineering Firms



**PORT HOUSTON**  
THE INTERNATIONAL PORT OF TEXAS™