

GKW Engineering, Inc.

GIVING YOU DIRECTION

Civil & Transportation Engineering · San Antonio, TX · Since 2000

SBE

Small Business Ent.
*Renewal in progress

MBE

Minority Bus. Ent.
*Renewal in progress

DBE

Disadv. Bus. Ent.
*Renewal in progress

HUB

Historically Underutil.
*Renewal in progress

CERTIFICATION RENEWAL IN PROGRESS

GKW is actively renewing SBE, MBE, DBE, HUB, and VBE certifications in response to recent federal & Texas program restructuring. Contact us for current certification status on any project.

WHO WE ARE

GKW Engineering is a civil and transportation engineering firm based in San Antonio, Texas. Founded in 2000 and TxDOT pre-qualified in 22 work categories, our senior-led team delivers roadway design, traffic engineering, ITS, CE&I, planning, and traffic data collection services to TxDOT, municipalities, transit agencies, and counties across Texas — on time, on budget.

25+

Years

22

TxDOT
Categories

100+

Task Orders

CORE SERVICES

Transportation Design

Roadway geometry, PS&E, ADA, drainage, and intersection design.

Traffic Engineering

Signal timing, TIAs, warrant studies, and geometric safety solutions.

CE&I Inspection

Resident engineering, QA/QC, materials testing, RAKEN cloud reporting.

ITS & Signalization

Signal design, TSP, ATMS, fiber planning, and ITS architecture.

Planning & Studies

Corridor studies, feasibility, speed safety, and master transport plans.

Traffic Data Collection

Volume counts, turning movements, speed/class, and pedestrian data.

KEY PERSONNEL

William J. White, PE

President & Principal Engineer

Sascha Van der Aa

Chief Operating Officer

Sonia Bueso, PE

Chief Financial Officer

Edgar Villarreal, PE

VP of Operations

TxDOT PRE-QUALIFICATIONS

22 Active Categories · Active as of January 2023 · Renewal Status: Active

PLANNING

- 1.3.1 Subarea/Corridor Planning
- 1.4.1 Land Planning/Engineering
- 1.5.1 Feasibility Studies
- 3.2.1 Route Studies & Schematic Design

ROADWAY DESIGN

- 4.2.1 Roadway Design
- 4.5.1 Constructability Review
- 17.5.1 Civil Engineering
- 18.4.1 Utility Engineering

TRAFFIC ENGINEERING

- 7.1.1 Traffic Engineering Studies
- 7.3.1 Traffic Signal Timing
- 7.4.1 Traffic Control Systems Analysis, Design & Impl.
- 7.5.1 Intelligent Transportation Systems

SIGNS, SIGNALS & SAFETY

- 8.1.1 Signing, Pavement Marking & Channelization
- 8.3.1 Signalization
- 8.6.1 Rail-Highway Design
- 9.1.1 Bicycle & Pedestrian Facility Development

HYDRAULICS & HYDROLOGY

- 10.1.1 Hydrologic Studies
- 10.2.1 Roadway Hydraulic Design
- 10.3.1 Bridge Hydraulic Design
- 10.5.1 Bridge Scour Evaluations & Analysis

CONSTRUCTION

- 11.1.1 Roadway Construction Mgmt & Inspection
- 11.6.1 Construction Schedule Support — General

Firm: Gonzalez, Kypuros & White, Inc.

(210) 491-9393 · 3463 Magic Drive, Suite 303, San Antonio TX 78229

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3463 Magic Drive, Suite 303 · San Antonio, TX 78229 · (210) 491-9393 · info@gkw-inc.com

Bill White, PE — wjwhite@gkw-inc.com Sascha Van der Aa — saschav@gkw-inc.com Edgar Villarreal, PE — evillarreal@gkw-inc.com

SBE MBE DBE HUB

*All renewals in progress

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PAST PERFORMANCE — REPRESENTATIVE PROJECTS

SELECTED PROJECT EXPERIENCE

US 281 / Loop 1604 Interchange



Client: Alamo RMA / Jacobs Engineering (Prime)
Role: Civil Engineering Sub — Design-Build

Signing, pavement markings, OSBs, signalization upgrades, 2 ped bridges over US 281. 4 direct connectors. ~8-mi corridor; bike lanes, frontage road upgrades.

~\$150M Completed 2013 Ahead of Schedule

Five Points — N. Flores & Fredericksburg



Client: City of San Antonio — 2017 Bond Program
Role: Prime Design Consultant

Complete Streets & Vision Zero redesign: queue jump signal, bus stop consolidation, protected ped crossings, segregated bike tracks, Synchro LOS analysis. ~8-mile corridor.

Design 2017–2019 Const. 2020–2021

VIA ART Green Line — BRT Design Mgmt



Client: VIA Metropolitan Transit / HNTB (Prime)
Role: Sub — Traffic, Signal & ITS

Traffic & parking study, schematic layouts, signal plans, signing/markings, illumination, TSP review, cost estimates for 12-mile / 26-station BRT corridor.

\$147,516 GWK fee \$480M construction 2021–2028

On-Call Civil Eng. — IMP & NAMP



Client: City of San Antonio Public Works
Role: Prime Consultant

8 task orders: residential pavement rehab (mill & overlay, base repair, curb/gutter, onyx treatment), minor drainage, ADA sidewalks, CE&I with RAKEN cloud daily reporting.

\$999,873 2020–2022

On-Call Civil Eng. — TCI Federally Funded



Client: City of San Antonio Public Works
Role: Prime Consultant

46 task orders: sidewalk reconstruction, roadway rehab, minor drainage design, construction oversight & inspection. Task orders \$3K–\$25K; construction \$30K–\$200K each.

46 Task Orders 2017–2019

VIA WA#1 — Primo/TSP BRT Study

Client: VIA Metropolitan Transit / IDC (Prime)
Role: Sub — Signal Engineering Task Leader
TSP effectiveness evaluation on Fredericksburg Rd. Primo BRT corridor. Signal parameter recommendations, traffic data collection, TSP event quantification.

\$289,954 Jan–Jul 2014

VIA WA#5 — ITS Architecture Development



Client: VIA Metropolitan Transit / IDC (Prime)
Role: Sub — ITS Task Leader

Developed VIA-wide TSP Architecture standard. ITS inventory, national architecture mapping (v7.0), customized transit signal priority service packages for SmartMove program.

\$186,484 Jan–Sep 2015

CLIENT AGENCIES

City of San Antonio — Prime On-Call Civil & CE&I

Alamo Regional Mobility Auth. — Design-Build Signage & Signals

VIA Metropolitan Transit — Traffic Engineering & ITS

Texas Dept. of Transportation — Traffic Safety Studies

City of Del Rio — Speed Safety Study

City of New Braunfels — Traffic Engineering