



GIVING YOU DIRECTION

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

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CERTIFICATION RENEWAL IN PROGRESS

GKW remains a small business. Our supplier-diversity certifications are currently being renewed following recent federal and Texas program changes. Contact us for current status on any project.

SBE
in renewal

MBE
in renewal

HUB
in renewal

DBE
in renewal

VBE
in renewal

ESBE
in renewal

HABE
in renewal

WHO WE ARE

GKW Engineering is a civil and transportation engineering firm based in San Antonio, Texas. Founded in 2000 and TxDOT precertified in over 20 work categories, our senior-led team delivers roadway design, traffic engineering, ITS, construction engineering & inspection, planning, and traffic data collection services to TxDOT, municipalities, transit agencies, counties, and private developers across Texas — on time, on budget.

25+
YEARS

20+
TXDOT
PRECERTIFIED
CATEGORIES

100+
TASK ORDERS

CORE SERVICES

Roadway & Transportation Design

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

Construction Engineering & Inspection

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

Planning & Studies

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

Traffic Engineering

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

ITS & Signalization

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

Traffic Data Collection

Volume counts, turning movements, speed/classification, pedestrian data.

KEY PERSONNEL

Bill White, PE	Co-Founder & Senior Vice President
Sascha Van der Aa	Chief Operating Officer
Sonia Bueso	Chief Financial Officer
Edgar Villarreal, PE	Vice President of Operations
Erick Carranza, EIT	Project Engineer

TXDOT PRECERTIFIED WORK CATEGORIES

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

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

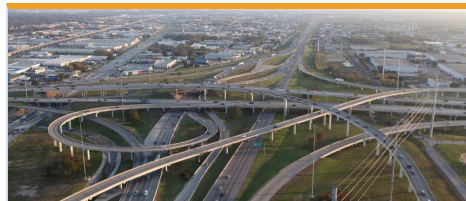
**US 281 / Loop 1604 Interchange**

ALAMO RMA / JACOBS · CIVIL ENG. SUB · DESIGN-BUILD

Signing, pavement markings, overhead sign structures and signalization on San Antonio's first major design-build highway: 4 direct connectors, 2 pedestrian bridges, ~8-mile corridor.

~\$150M

Completed 2013

**IH 635 Managed Lanes / LBJ TEXpress**

TRINITY INFRASTRUCTURE · TRAFFIC ENG. SUB · DALLAS, TX

Synchro operations study, alternate detour routes and Traffic Management Plan for the 13.3-mile managed-lanes design-build, coordinated with TxDOT and local agencies.

\$2.7B P3

13.3 miles

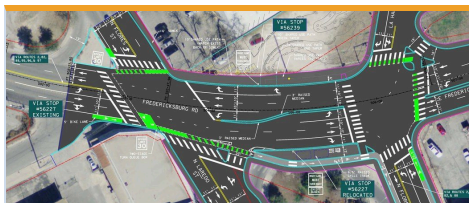
**UTRGV Ambulatory Surgery & Cancer Center**

HKS, INC. · TIA & SCHEMATIC DESIGN · MCALLEN, TX

Traffic Impact Analysis (29 intersections studied, 10 in final TIA), driveway and internal street design, phasing and agency coordination for a UT Health RGV campus.

CM@Risk

Grand opening Oct. 2025

**Five Points Intersection Redesign**

CITY OF SAN ANTONIO · PRIME CONSULTANT

Complete Streets and Vision Zero redesign: signal controllers separated for independent bus, bike and pedestrian phasing, queue-jump lanes and a channelized right turn.

2017 Bond Program

VIA partnership

**IMP & NAMP On-Call Civil Engineering**

CITY OF SAN ANTONIO PUBLIC WORKS · PRIME CONSULTANT

Won two consecutive contracts (2020–present): design, construction oversight and CE&I with cloud daily reporting for residential street rehabilitation.

2 Consecutive Awards

2020–Present

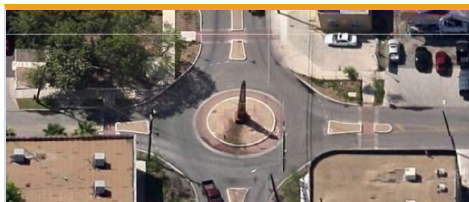
**Broadway Corridor Study & Schematic Design**

CITY OF SAN ANTONIO · PRIME CONSULTANT · PHASE 1C

Synchro model of 19 intersections along a 1.5-mile section proving a road diet, plus VISSIM 3-D animation presented to City Council and the public.

Multimodal

Road Diet

**Blanco Rd Roundabout & Corridor**

PRIME CONSULTANT · COMPLETE STREETS

Traffic study, schematic feasibility and VISSIM simulation of a roundabout replacing a signalized intersection on a 7-block Midtown corridor.

Roundabout

VISSIM

**S. Alamo Street — King William District**

CITY OF SAN ANTONIO ON-CALL · PRIME CONSULTANT

Feasibility, 3-D visualization and full PS&E for 1,600 feet of reconstruction, coordinated with the San Antonio River Authority.

1,600 ft

Public involvement

**Palo Alto College Wellness Center**

ALAMO COLLEGES DISTRICT · TIA SUB

Traffic Impact Analysis and circulation study for a ~90,000 sq. ft. natatorium, wellness and multigenerational center with a 50-meter Olympic pool.

\$52M

2025–2027

RECENT CLIENT AGENCIES — a partial list; additional clients available upon request

- City of San Antonio
- Alamo Regional Mobility Authority
- VIA Metropolitan Transit
- Texas Dept. of Transportation
- Bexar County
- Alamo Colleges District
- City of Del Rio
- City of New Braunfels