



515 Busby Drive, Suite 101, San Antonio, Texas 78209
TBPE No. F-2573

August 9, 2021

Mr. Tommy Weir, Precinct 1 County Commissioner
Blanco County Commissioners Court
P.O. Box 1437
Blanco, Texas 78606

COPY

Re: **Professional Services Agreement and Proposal for
Designing a Low Water Crossing and New Alignment for Wuest Road**
Project No. BLANCOCO-001

Dear Mr. Weir:

Thank you for requesting a proposal for the subject work from Givler Engineering Inc. We understand that Trainer Wuest Road crosses an unnamed tributary of the Blanco River by an existing low water crossing. The crossing is located near 2032 Trainer Wuest Road at a severe dog leg in the alignment.

Blanco County has acquired approximately 850 linear feet of 60-foot-wide right-of-way and four pieces of arch CMPs with one mitered end on each piece. The pieces will assemble to form two 31-foot-long culverts (top length) with mitered ends.

The County wishes for GEI to use the acquired culverts to design a low water crossing within the new right-of-way. The new crossing will not be an all-weather crossing and will be impassible at times due to high water. The county is not specifying a minimum design level of service for the culverts. The county wishes for the design to be based on the available culverts regardless of the level of service with respect to flood return periods allowing vehicle crossings. The new road alignment must accommodate trucks and trailers. The road is to be realigned so that the curve will be less severe, and the new crossing will cross the creek alignment more or less at a right angle.

Scope of Work

GEI proposes to team with Flash Topo to perform the following tasks:

Survey, Topographic Mapping & Site Visit

1. Develop a project approach.
2. Fly the work area (1,000 feet x 60 feet) with drones equipped with photogrammetric and/or LiDAR equipment to acquire topographic and elevation data.
3. Develop topographic mapping of the work area in hard form and in CAD format to serve as base maps to design the road and low water crossing.
4. Perform a limited elevation survey to identify critical elevations that determine achievable design grades. Supplement the topographic survey with spot elevations acquired with the limited elevation survey.

Drainage Study

1. Obtain regional topographic mapping.
2. Delineate boundaries of the drainage area that contributes flow to the proposed low water crossing.
3. Perform hydrologic calculations to determine peak discharge rates for 2-year, 5-year, 10-year, 25-year, 50-year, and 100-year rain events.
4. Determine the level of service that the proposed crossing with the county-provided culverts will provide.
5. Develop hydrologic and hydraulic calculation sheets for the plans.

Geotechnical Study

1. Obtain county's assistance in excavating up to 4 test pits.
2. Obtain soil samples from each pit.
3. Deliver soil samples to geotechnical lab for testing.
4. Obtain geotechnical recommendations for subgrade preparation.

Preliminary Design

1. Obtain topographic mapping from Flash Topo.
2. Obtain digital version of right-of-way survey from county's surveyor, WCR Land Surveying.
3. Overlay the topographic, boundary, and tree surveys to develop an existing condition plan.
4. Design and plot a rough road alignment that connects to the existing road on both sides of the creek and includes a low water crossing.
5. Design and plot a rough road profile showing existing ground, the top of rock in the vicinity of the creek, the proposed road centerline, and the proposed culverts.
6. Meet with county to discuss the layout and to make adjustments if necessary.



Detailed Design

1. Incorporate county comments into plan.
2. Update the alignment and profile plans to create Plan and Profile sheets with layouts at the top of the sheets and profiles at the bottom.
3. Design a grading plan with a table of important elevations, including
 - a. Centerline,
 - b. Left Edge of Pavement,
 - c. Right Edge of Pavement, and
 - d. Culvert Inverts.
4. Design details and develop detail sheets to include:
 - a. Guardrails
 - b. Signs
 - c. Intermittent Curbs
 - d. Culvert Headwalls and Backfill
 - e. Pavement Cross Sections
5. Develop general notes and specifications. All specifications will be on the plans. No specification manual will be developed.
6. Incorporate the hydrology and hydraulic sheets from the drainage study.
7. Develop an engineering opinion of quantities and costs.

The Scope of Work does not include developing demolition plans for portions of the existing road that are outside the new right-of-way. It also does not include construction administration services. Please let us know if you wish for us to provide a proposal for any additional items.

Basis of Compensation

The fee for performing the tasks listed in the Scope of Work will be performed for the following fixed fee amounts:

Survey, Topographic Mapping & Site Visit	\$ 9,000
Drainage Study	\$ 3,000
Geotechnical Study	\$ 3,000
Preliminary Design	\$ 8,000
Detailed Design	<u>\$16,000</u>

Total Engineering Fee \$39,000



Additional services may be authorized by mutual agreement at the following rates:

Principal Engineer	\$200
Sr. Civil Engineer	\$200
Sr. Geologist	\$200
Sr. Engineer in Training	\$150
Engineer in Training/CAD Technician	\$135
Researcher	\$100
Assistant	\$ 75
Expenses (courier, reproduction, etc.)	x 1.15
Mileage	IRS Business Rate x 1.15

Invoices will be issued at approximately 1-month intervals. You agree to pay invoices within 30 days of issuance. Any unpaid balance is subject to a 1.5% per month service charge, which is an annual percentage rate of 18%.

No additional tasks will be performed unless first authorized by the County. Invoices will be issued at approximately 1-month intervals. The County agrees to pay invoices within 30 days of issuance.

Schedule

GEI proposes to complete the topographic survey and issue preliminary design plans within 5 weeks of receiving an executed agreement. GEI proposes to complete the detailed design plans within 4 weeks of receiving the county's comments on the preliminary design.

Certification

Givler Engineering, Inc. will not be required to execute any document that would result in its certifying, guaranteeing or warranting the existence of conditions whose existence Givler Engineering, Inc. cannot ascertain.

Engineer's Standard of Care

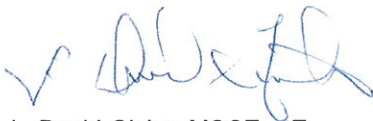
Engineer shall provide its services under this Agreement with the same degree of care, skill and diligence as is ordinarily provided by a professional engineer under similar circumstances for a similar project. Engineer represents that it has the capability, experience, available personnel, and means required to perform the services contemplated by this Contract. Services will be performed using personnel and equipment qualified and/or suitable to perform the work requested by the County. County retains the right to report to Engineer any unsatisfactory performance of Engineer personnel for appropriate corrective action. Engineer shall comply with applicable federal, state, and local laws in connection with any work performed hereunder.



Authorization

Thank you for the opportunity to submit this proposal. The offer in this proposal is valid until October 15, 2021. In order to approve this contract and to indicate your acceptance, please send a signed copy back to our office. Please do not hesitate to contact me if you have questions or if you need to discuss any of the terms of this Agreement.

Sincerely,



L. David Givler, MSCE, PE
President, Givler Engineering, Inc.

Acceptance and Approval

Name: _____

Signature: _____

Title: _____

Date: _____



Write a description for your map.

11-02-02

0-0
1/2

Jones Ranch
Trainer-West Rd. CR163
Re-route 60' ROW
w/ new creek crossing

Legend

- Proposed Road
- Existing Road
- Creek
- Forest





WAGNMAT-01

BTOWNSEND

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
8/2/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER San Antonio Insurance Services LLC DBA Billy Greaves Insurance Agency 14400 Northbrook Dr., Suite 150 San Antonio, TX 78232	CONTACT NAME: PHONE (A/C, No., Ext): (210) 494-4989 FAX (A/C, No): (210) 494-6980 E-MAIL ADDRESS: certificates@billygreavesinsurance.com
	INSURER(S) AFFORDING COVERAGE
	INSURER A: United Fire Lloyds
	INSURER B: Texas Mutual Insurance Company
	INSURER C:
	INSURER D:
	INSURER E:
	INSURER F:
INSURED Imogene Wagner Co., Inc. dba Wagner Materials & Construction PO Box 1167 Spring Branch, TX 78070-1167	NAIC # 43559 22945

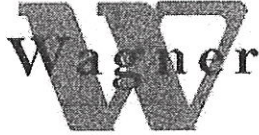
COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR X CG000100413 GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		85323755	7/16/2021	7/16/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	X AUTOMOBILE LIABILITY ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY <input type="checkbox"/>		85323755	7/16/2021	7/16/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	X UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$		85323755	7/16/2021	7/16/2022	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> Y/N <input type="checkbox"/> N/A ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		0001182100	7/16/2021	7/16/2022	PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Contractors Equip		85323755	7/16/2021	7/16/2022	Ea Occur 1,220,863
A	Rented/Leased		85323755	7/16/2021	7/16/2022	Ded 1,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER Blanco County Pct. 1 PO Box 1437 Blanco, TX 78606	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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PROPOSAL

Wagner Materials & Construction
Bulverde, Texas

July 30, 2021

Blanco County Pct. #1
Tommy Weir, Blanco County Commissioner, Precinct 1
PO Box 1437
Blanco, TX 78606

County Rd. #103
Trainer-Wuest Rd/Low Water Crossing/Jones Ranch
Approximately - 800 LF x 40' Wide / 3,555 SY

BASE BID

1. Mobilization/Insurance
2. Prep Right-Of-Way
3. Mill Existing Materials in Place
Remove & Stockpile On-Site
4. Install 2 - 30' x 24" CMPs for Temporary Crossing
(Wagner to Provide C.M.P.'s)
5. Excavate & Grade Ditches to Drain
6. Prep Subgrade & Proof Roll
Approximately 800 LF x 32' Wide / 2,844 SY

TOTAL BASE BID PROPOSAL \$30,000.00
(4 - 5 Working Days)

ALTERNATE BID

1. Add Select Fill 8" Depth
Processed in 2 4" Lifts to Roadway
Approximately 800 LF x 28' Wide / 2,500 SY
(Select Fill to be used is On-Site - Approx. 1,100 Tons)

TOTAL ALTERNATE BID \$12,000.00
(2- 3 Working Days)

TOTAL BASE BID WITH ALTERNATE \$42,000.00

* Includes All Labor, Equipment, Materials, Insurance

PO Box 1167
Spring Branch, TX 78070
Office 830 980 3608

smawagner12@gmail.com

30520 Smithson Valley Rd.
San Antonio, TX 78261
Fax 210 568 4255

Available Construction & Transport Service, Inc.

PO Box 1326

Phone: (210) 669-8932

Email: daddydwags@yahoo.com

Date
8/2/2021

Blanco County Precinct 1
 421 Jones Ave.
 Blanco, Texas 78606

Trainer- Wuest Road

Quote

Description	Unit	Qty	Unit Price	Total
Trainer - Wuest Road				
Prep ROW	LS	1	4,500.00	4,500.00
Mobilization	LS	1	2,000.00	2,000.00
Excavatio and Embankment	LS	1	8,000.00	8,000.00
Subgrade	LS	1	15,000.00	15,000.00
Includes: Labor, Equipment, and Insurance				
Excludes: Bonds, Traffic Control, and Testing				

Thank you,

Darrel Wagner

Total	\$29,500.00
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