

STATE OF TEXAS           §  
  §  
COUNTY OF FORT BEND   §

**AMENDMENT TO AGREEMENT FOR  
PROFESSIONAL ENGINEERING SERVICES**

**THIS AMENDMENT**, is made and entered into by and between Fort Bend County (hereinafter “County”), a body corporate and politic under the laws of the State of Texas, and Gradient Group, LLC (hereinafter “Contractor”), a company authorized to conduct business in the State of Texas.

WHEREAS, the parties executed and accepted that certain Agreement for Professional Engineering Services on August 24, 2021 pursuant to SOQ 14-025, (hereinafter “Agreement”); and

WHEREAS, the parties desire to amend the Agreement to allow Contractor to provide additional Services under the Agreement.

**NOW, THEREFORE**, the parties do mutually agree as follows:

1. County shall pay Contractor an additional amount not to exceed fifty-three thousand two hundred sixty dollars and 20/100 (\$53,260.20) to perform the additional Services, as described in Contractor’s proposal dated March 30, 2022 attached hereto as Exhibit “A” and incorporated herein for all purposes.
2. The Maximum Compensation payable to Contractor for all Services rendered is hereby increased to an amount not to exceed three hundred thirty-three thousand fifty-one dollars and 80/100 (\$333,051.80), authorized as follows:  
          \$279,791.60 under the Agreement; and  
          \$53,260.20 under this Amendment.
3. In no case shall the amount paid by County for all Services under the Agreement and this Amendment exceed the Maximum Compensation without an agreement executed by the parties.
4. BY ACCEPTANCE OF AGREEMENT, CONTRACTOR ACKNOWLEDGES THAT THE COUNTY IS OPPOSED TO HUMAN TRAFFICKING AND THAT NO COUNTY FUNDS WILL BE USED IN SUPPORT OF SERVICES OR ACTIVITIES THAT VIOLATE HUMAN TRAFFICKING LAWS.

Except as provided herein, all terms and conditions of the Agreement shall remain unchanged.

IN WITNESS WHEREOF, the parties hereto have signed or have caused their respective names to be signed to multiple counterparts to be effective on the date signed by the final party.

FORT BEND COUNTY

GRADIENT GROUP, LLC

\_\_\_\_\_  
KP George, County Judge

  
Authorized Agent – Signature

\_\_\_\_\_  
Date

Stephanie Anderson, PE  
Authorized Agent – Printed Name

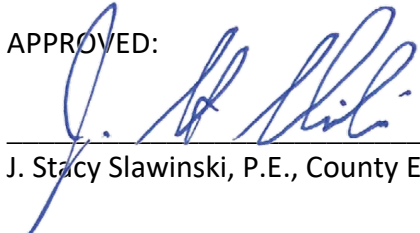
ATTEST:

President  
Title

\_\_\_\_\_  
Laura Richard, County Clerk

12 MAY 2022  
Date

APPROVED:

  
\_\_\_\_\_  
J. Stacy Slawinski, P.E., County Engineer

**AUDITOR'S CERTIFICATE**

I hereby certify that funds are available in the amount of \$\_\_\_\_\_ to accomplish and pay the obligation of Fort Bend County under this contract.

\_\_\_\_\_  
Robert Ed Sturdivant, County Auditor

# EXHIBIT A



GRADIENT GROUP, LLC  
2107 CityWest  
Suite 450  
Houston, Texas 77042

March 30, 2022

Mr. Kevin Mineo, P.E.  
Senior Project Manager  
Binkley & Barfield, Inc.  
1710 Seamist Drive  
Sent Via Email: [kmineo@binkleybarfield.com](mailto:kmineo@binkleybarfield.com)

Reference: Proposal for Professional Engineering Services for Reading Road;  
FBC Project Number 20109  
GG Job No: 20300-0001  
Addendum #1 – Two Lane Roundabout Geometry

Dear Mr. Mineo:

Gradient Group respectfully submits this Addendum in reference to the approved scope of work dated September 15, 2021 for the preparation of the geometric layout for a 2-lane roundabout.

Revision to the preliminary engineering report (PER) exhibits are needed in order to complete the services requested by the Client. Below are the revisions and additions to the original scope of services.

### **Revision to PER**

The Reading Road preliminary engineering meeting was held on February 01, 2022. From that meeting we were requested to provide the geometric layouts for a 2-lane roundabout with a minimum of 150-foot radius. We will prepare the following exhibits in order to provide the information needed for the design change.

1. Schematic Layout of Roadway
2. Right of Way Exhibit
3. ROW & Drainage Schematic Layout
4. Cost Estimate
5. Utility Conflict Table
6. Site Triangle Evaluations (12 Approaches)

Mr. Kevin Mineo, P.E.

March 30, 2022

Page 2 of 2

### **Option/Additional**

1.1G – Geotechnical: Through a subconsultant, develop Concrete Pavement Recommendations based on Traffic Loading (to be provided by the client or shall be assumed by GET). Update the geotechnical draft report to include concrete pavement recommendations.

1.1S – Survey: Parcel Surveys (Cat. 1A; Cond. II) Prepare metes and bounds descriptions in accordance with Fort Bend County guidelines for property acquisition and add parcels to the existing right-of-way maps

### Assumptions

Effort required for this analysis is assumed to be an extension of the efforts put forth on the already completed PER which only reflects a 1-lane roundabout 100-foot radius. This effort does not include updating the already complete PER.

### Compensation

We will perform the work on a lump sum basis for a total of **\$53,260.20** for the professional services provided under this addendum.

Engineering services will be billed monthly based on the percentage of work completed. Optional Services will be billed as defined by authorization for such optional services.

We appreciate the opportunity to present this Addendum #1. If you need additional information in support of this proposal, please contact me at 832-779-5700 or on my mobile at 979-574-5173.

Respectfully Submitted,

A handwritten signature in black ink that reads "Stephanie Anderson". The signature is written in a cursive, flowing style.

Stephanie Anderson, PE  
Project Manager

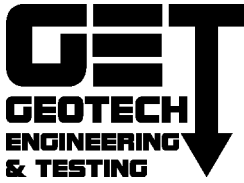
**PRODUCTION MANHOUR LEVEL OF EFFORT - ADDENDUM #1 (TWO LANE ROUNDABOUT GEOMETRY LAYOUT)**

Project: **Reading Road Roundabouts Design**  
 Project #: Project Number 20109 (GG# P2021-032)  
 Date: 3/25/2022  
 Revised: 3/30/2022



Project Manager: Stephanie Anderson, PE

SHEET NO.	DESCRIPTION	QA/QC Manager	Sr. Project Manager	Roadway Engineer	Drainage Engineer	Traffic Engineer	Engineer -In- Training	Senior CADD Designer	CADD Designer	TOTAL HOURS	COST / SHEET	COST
<b>BASIC SERVICES - PHASE 1 PRELIMINARY ENGINEERING REPORT</b>												
<b>IP - Pre-Design Study</b>												
	Schematic Layout of Roadway - Proposed Conditions Evaluation	1.0	2.0	2.0	2.0	2.0	4.0	4.0	16.0	33.0	\$ 5,644.00	\$ 5,644.00
	Right of Way Exhibit		1.0	2.0			4.0	2.0	16.0	25.0	\$ 3,539.40	\$ 3,539.40
	Schematic Layout of ROW & Drainage - Proposed Conditions Evaluation	1.0	2.0	2.0	4.0	2.0	4.0	4.0	16.0	35.0	\$ 6,188.00	\$ 6,188.00
	Cost Estimate		4.0	2.0			4.0		14.0	24.0	\$ 3,971.20	\$ 3,971.20
	Utility Conflict Table		2.0	2.0			4.0			8.0	\$ 1,802.00	\$ 1,802.00
	Sight Triangle Evaluation (12 Approaches - 12 Sheets)	2.0	2.0	4.0			24.0		32.0	64.0	\$ 802.97	\$ 9,635.60
<b>IP - Pre-Design Study Total</b>												<b>\$ 30,780.20</b>
<b>BASIC SERVICES - PHASE 1 PRELIMINARY ENGINEERING REPORT COST</b>												<b>\$ 30,780.20</b>
<b>OPTIONAL / ADDITIONAL SERVICES - PHASE 1 PRELIMINARY ENGINEERING REPORT</b>												
<b>I.1G - Geotechnical</b>												
	Revise Pavement Recommendations to Include Concrete Pavement Section											\$ 2,480.00
<b>I.1G - Geotechnical TOTAL</b>												<b>\$ 2,480.00</b>
<b>I.1S - Survey</b>												
	Parcel Surveys (Cat 1A, Cond. II)	8	Parcels	\$ 2,500.00	per Parcel for a 100' Roundabout							\$ 20,000.00
<b>I.1S - Survey TOTAL</b>												<b>\$ 20,000.00</b>
<b>OPTIONAL / ADDITIONAL SERVICES - PHASE 1 PRELIMINARY ENGINEERING REPORT COST</b>												<b>\$ 22,480.00</b>
<b>TOTAL - PHASE 1 PRELIMINARY PRELIMINARY ENGINEERING REPORT COST</b>												<b>\$ 53,260.20</b>



# GEOTECH ENGINEERING and TESTING

*Geotechnical, Environmental, Construction Materials, and Forensic Engineering*



ACCREDITED  
CERTIFICATE #0075-01  
#0075-02

## GEOTECHNICAL ENGINEERING SERVICES PROPOSAL CONTRACT

Gradient Group, LLC  
2107 CityWest Blvd., Suite 450  
Houston, Texas 77042  
Attention: Ms. Stephanie Anderson, P.E.,  
Env SP  
President

Date: February 17, 2022  
Fee Schedule: HC  
Client's Phone Number: (832) 779-5700  
Client's  
E-mail: [sanderson@gradient-group.com](mailto:sanderson@gradient-group.com)  
Job No.: 21-235E

Subject: Recommendations on Concrete Pavement at Reading Road – Roundabouts and Taper  
Additions, Fort Bend County Project No. 20109, FBC TX

Dear Madam:

We are pleased to submit this proposal contract for the above-referenced project. The purpose of this proposal contract is to obtain your authorization for the scope of work requested and confirm under which these services are provided as shown below and on the back. The scope of our work is to provide recommendations on Concrete Pavement at Reading Road – Roundabouts and Taper Additions, Fort Bend County Project No. 20109, FBC TX at the email request by Mr. Mustafa Almarzooq, dated February 16, 2022. No additional borings shall be drilled.

The recommendations shall include the following:

- Develop Concrete Pavement Recommendations based on Traffic Loading (to be provided by the client or shall be assumed by GET).
- Update the geotechnical draft report to include concrete pavement recommendations.

Our fees will be \$ 2,480

Formal acceptance of this proposal contract is acknowledged by signing below and initialing the terms and conditions, attached, and returning the original copies for our files.

Very truly yours,

Attachments: Cost Estimate

GEOTECH ENGINEERING AND TESTING

David A. Eastwood, P.E., D.GE, DFE, C.A.P.M., F.FPA, F.ASCE  
President

I hereby certify that I have received, read, and understand the Proposal Contract, Fee Schedules and General Conditions, attached, provided by GET. Any questions I have concerning the above listed documents will be asked and the answer ascertained prior to GET's performance under the contract.

SIGNATURE: \_\_\_\_\_

PRINTED NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

**ADDITIONAL COST ESTIMATE FOR RECOMMENDATIONS  
CONCRETE PAVEMENT AT  
READING ROAD – ROUNDABOUTS AND TAPER ADDITIONS  
FORT BEND COUNTY PROJECT NO. 20109, FBC, TX**

Service	Unit Fee	Unit Measure	Estimated Quantity	Estimated Cost
Develop Concrete Pavement Design				
Principal Engineer	\$ 250.00	hr	0.5	\$ 125.00
Project Engineer	\$ 165.00	hr	2.0	330.00
Graduate Engineer	\$ 115.00	hr	6.0	<u>690.00</u>
			Subtotal	<u>\$1,270.00</u>
Document the results in an updated geotechnical report				
Principal Engineer	\$ 250.00	hr	0.5	\$ 125.00
Project Engineer	\$ 165.00	hr	2.0	330.00
Graduate Engineer	\$ 115.00	hr	4.0	<u>460.00</u>
			Subtotal	<u>\$1,040.00</u>
Technical Typing/Drafting	\$ 70.00	hr	6.0	<u>\$420.00</u>
			<b>Estimated Total</b>	<b>\$ <u>2,480.00</u></b>