

ENGINEERING SERVICES AGREEMENT

THIS AGREEMENT is made and entered into by and between the Fort Bend Grand Parkway Toll Road Authority, a transportation corporation organized and operating under the laws of the State of Texas, hereinafter called the "FBGPTRA" and Aguirre & Fields, hereinafter called "Engineer."

WITNESSETH

WHEREAS, the FBGPTRA proposes to update design drawings submitted January 31, 2018 for the Grand Parkway (SH99) and Westpark Tollway (FM1093) Eastbound to Northbound and Westbound to Northbound Direct Connectors, in Fort Bend County, Texas, (the "Project");

WHEREAS, the FBGPTRA desires to enter into an agreement with Engineer for the performance of services during the Project, that are within the scope of services in Attachment A ("Scope of Services");

NOW, THEREFORE, in consideration of the mutual covenants and conditions set forth below, the parties agree as follows:

AGREEMENT

1. **General**

The Engineer shall render professional services to FBGPTRA related to the Project as defined in the Scope of Services in Attachment A.

The standard of care for all professional engineering and related services performed or furnished by Engineer under this Agreement will be the care and skill ordinarily used by members of Engineer's profession practicing under similar conditions at the same time and in the same locality.

2. **Compensation and Payment**

- a. The Maximum Compensation under this Agreement is \$115,047.98. The amount paid under this Agreement may not exceed the Maximum Compensation without an approved supplemental agreement.

Compensation for the performance of services within the Scope of Services described in Attachment A will be paid as a lump sum amount not to exceed \$115,047.98, as shown in Attachment B.

The Engineer shall furnish satisfactory documentation of such work (e.g. timesheets, billing rates, classifications, invoices, etc.) as may be required by FBGPTRA.

- b. All performance of the Scope of Services and any services outside the Scope of Services ("Additional Services"), including changes in the contractual scope of

work and revision of work satisfactorily performed, will be performed only when approved in advance and authorized by the FBGPTRA, and Additional Services will be reimbursed based on the billing rates in effect at that time, to the extent that such labor costs and subcontracts are reasonable and necessary for the performance of such services. Out-of-pocket expense costs may be reimbursed only when approved in advance and authorized by the FBGPTRA. Payment will be made on the basis of project progress to be billed monthly, and, for Additional Services, on the basis of time and expense records, and, in all cases, in accordance with those payment procedures set forth in subsection d. below. Billing rates will be inclusive of all direct labor, fringe benefits, general overhead, and profit.

- c. Where subcontractors are employed by the Engineer to perform pre-approved and pre-authorized Additional Services, the Engineer will be reimbursed for subcontractors' actual salaries and hourly rates, including overtime rates. Reimbursement to the subcontractor for non-salary costs incurred by subcontractor will be on the same basis as if the cost was incurred by the Engineer. For subcontractors employed for the convenience of the FBGPTRA, the Engineer will be paid a subcontract administrative fee equal to ten percent (10%) of all subcontractor invoiced amounts.
- d. It is understood and agreed that monthly payments will be made to the Engineer by the FBGPTRA based on the following procedures: On or about the fifteenth day of each month during the performance of services hereunder and on or about the fifteenth day of the month following completion of all services hereunder, the Engineer shall submit to the FBGPTRA two (2) copies of invoices showing the amounts due for services performed during the previous month, set forth separately for work under this Agreement and for any Additional Services (accompanied by supporting certified time and expense records of such charges in a form acceptable to the FBGPTRA). It is specifically understood that any requests for travel reimbursements shall comply with those procedures for travel reimbursement to Fort Bend County (the "County") employees established by the Fort Bend County Auditor (the "Auditor"). The FBGPTRA shall review such invoices and approve them within 30 calendar days with such modifications as are consistent with this Agreement, and forward same to the Auditor. The County shall pay each such invoice as approved by the FBGPTRA within thirty (30) calendar days after the FBGPTRA's approval of same.

3. Time of Performance

It is understood and agreed that the time for performance of the Engineer's services under this Agreement shall begin with receipt of the Notice to Proceed. The Engineer will maintain the delivery schedule in Attachment A.

This Agreement will terminate upon the Engineer's completion of the Scope of Services to the satisfaction of the FBGPTRA.

4. The FBGPTRA's Option to Terminate

- a. The FBGPTRA has the right to terminate this Agreement at its sole option at any time, with or without cause, by providing 30 days written notice of such intentions to terminate and by stating in said notice the "Termination Date" which shall be less than 30 days later than the actual receipt of such written notice by the Engineer. Upon such termination, the FBGPTRA shall compensate the Engineer in accordance with Section 2, above, for those services which were provided under this Agreement prior to its termination and which have not been previously invoiced to the FBGPTRA. The Engineer's final invoice for said services will be presented to and paid by the FBGPTRA in the same manner set forth in Section 2(d), above.
- b. Termination of this Agreement and payment as described in subsection (a) of this section shall extinguish all rights, duties, obligations, and liabilities of the FBGPTRA and the Engineer under this Agreement, and this Agreement shall be of no further force and effect, provided, however, such termination shall not act to release the Engineer from liability for any previous default either under this Agreement or under any standard of conduct set by common law or statute. The obligations in Sections 5, 6, and 14 of this Agreement shall survive the termination of this Agreement.
- c. If the FBGPTRA terminates this Agreement as provided in this section, no fees of any type, other than fees due and payable at the Termination Date, shall thereafter be paid to the Engineer.
- d. The FBGPTRA's rights and options to terminate this Agreement, as provided in any provision of this Agreement shall be in addition to, and not in lieu of, any and all rights, actions, and privileges otherwise available under law or equity to the FBGPTRA by virtue of this Agreement or otherwise. Failure of the FBGPTRA to exercise any of its said rights, actions, options, or privileges to terminate this Agreement as provided in any provision of this Agreement shall not be deemed a waiver of any rights, actions, or privileges otherwise available under the law or equity with respect to any continuing or subsequent breaches of this Agreement or of any other standard of conduct set by common law or statute.
- e. Copies of all completed and partially completed documents prepared under this Agreement shall be delivered to the FBGPTRA within 30 days of the Termination Date or upon Engineer's receipt of fees due and payable at the Termination Date, whichever is sooner, when and if this Agreement is terminated.

5. Inspection of the Engineer's Books and Records

Upon written notice (including email), the Engineer will permit the FBGPTRA, or any duly authorized agent of the FBGPTRA, to inspect and examine the books and records of the Engineer for the purpose of verifying the amount of work performed on the Project at reasonable times during normal business hours. FBGPTRA's right to inspect survives the termination of this Agreement for a period of four years.

6. Ownership and Reuse of Documents

Upon payment in full for undisputed amounts of Engineer's services, all documents, including original drawings, estimates, specifications, field notes, and data created, produced, developed or prepared by Engineer or its approved outside advisory or support consultants (collectively, the "Documents") shall be the property of the FBGPTRA, subject to all of the following terms and conditions; provided, however, FBGPTRA shall not own and shall have no right to receive any documents not deemed "final" by the Engineer until completion or termination of this Agreement, as applicable. Engineer will deliver the Documents to FBGPTRA within 30 days of the completion or termination of this Agreement and may retain a set of reproducible record copies of the Documents, provided that the Engineer has received full compensation due pursuant to the terms of this Agreement. It is mutually agreed that FBGPTRA will use the Documents solely in connection with the Project and for no other purposes, except with the express written consent of the Engineer, which consent will not be unreasonably withheld. Any use of the Documents without the express written consent of the Engineer will be at FBGPTRA's sole risk and without liability or legal exposure to Engineer.

FBGPTRA shall also be the owner of all intellectual property rights of the services rendered hereunder, including all rights of copyright therein. It is the intention of Engineer and FBGPTRA that the services provided are a "work for hire" as the term is used in the federal Copyright Act. Moreover, Engineer hereby agrees to assign, and by these presents, does assign to FBGPTRA, all of Engineer's worldwide right, title, and interest in and to such work product and all rights of copyright therein.

Engineer agrees that all trademarks, trade names, service marks, logos, or copyrighted materials of FBGPTRA that Engineer is permitted to use in connection with the services will not be used without FBGPTRA's consent and shall remain the sole and exclusive properties of FBGPTRA, and this Agreement does not confer upon Engineer any right or interest therein or in the use thereof.

7. Personnel, Equipment, and Material

- a. The Engineer represents that it presently has, or is able to obtain, adequate qualified personnel in its employment for the timely performance of the Scope of Services required under this Agreement and that the Engineer shall furnish and maintain, at its own expense, adequate and sufficient personnel and equipment, in the opinion of the FBGPTRA, to perform the Scope of Services when and as required and without delays. It is understood that the FBGPTRA will approve assignment and release of all key Engineer personnel and that the Engineer shall submit written notification of all key Engineer personnel changes for the FBGPTRA's approval prior to the implementation of such changes. For the purpose of this Agreement, key Engineer personnel are defined as: Project Manager. Services described in this Agreement shall be performed under the direction of a Texas Licensed Professional Engineer.
- b. All employees of the Engineer shall have such knowledge and experience as will enable them to perform the duties assigned to them. Any employee of the Engineer

who, in the opinion of the FBGPTRA, is incompetent, or, by his conduct, becomes detrimental to the Project, shall, upon request of the FBGPTRA, immediately be removed from association with the Project.

- c. Except as otherwise specified, the Engineer shall furnish all equipment, transportation, supplies, and materials required for its operation under this Agreement.

8. Items to be furnished to Engineer by the FBGPTRA

As applicable, the following items will be supplied to the Engineer:

- a. Copies of preliminary studies by others.
- b. Assistance in coordination with all utility companies.
- c. Assistance in coordination with all public and governmental entities.

9. Subletting

The Engineer shall not sublet, assign, or transfer any part of its rights or obligations in this Agreement without the prior written approval of the FBGPTRA. Responsibility to the FBGPTRA for sublet work shall remain with the Engineer.

10. Conference

At the request of the FBGPTRA, the Engineer shall provide appropriate personnel for conferences at its offices, or attend conferences at the various offices of the FBGPTRA, or at the site of the Project, and shall permit inspections of its offices by the FBGPTRA, or others when requested by the FBGPTRA.

11. Appearance as Witness

If requested by the FBGPTRA, or on its behalf, the Engineer shall prepare such engineering exhibits and plans as may be requested for all hearings and trials related to the Project and, further, it shall prepare for and appear at conferences at the office of the FBGPTRA and shall furnish competent expert engineering witnesses to provide such oral testimony and to introduce such demonstrative evidence as may be needed throughout all trials and hearings with reference to any litigation relating to the Project. Trial preparation and appearance by the Engineer in courts regarding litigation matters are Additional Services and compensation will be paid in accordance with Section 2(b).

12. Compliance with Laws

The Engineer shall comply with all federal, state, and local laws, statutes, ordinances, rules and regulations, and the orders and decrees of any courts or administrative bodies or tribunals in any matter affecting the performance of this Agreement, including, without limitation, Worker's Compensation laws, minimum and maximum salary and wage statutes

and regulations, licensing laws and regulations. When required, the Engineer shall furnish the FBGPTRA with certification of compliance with said laws, statutes, ordinances, rules, regulations, orders, and decrees above specified.

13. Insurance

The Engineer shall obtain and maintain, throughout the term of the Agreement, insurance of the types and in the minimum amounts set forth in Attachment C.

14. Indemnification

With respect to claims brought by third parties against either Engineer or the FBGPTRA relating to the property or facilities with respect to which this Agreement pertains, Engineer and the FBGPTRA agree as follows:

- a. **ENGINEER WILL INDEMNIFY AND HOLD HARMLESS THE FBGPTRA, ITS DIRECTORS, OFFICERS, AND EMPLOYEES AGAINST ANY CLAIMS, DEMANDS OR CAUSES OF ACTION; AND COSTS, LOSSES, LIABILITIES, EXPENSES AND JUDGMENTS INCURRED IN CONNECTION THEREWITH, INCLUDING REASONABLE ATTORNEY'S FEES AND COURT COSTS, BROUGHT BY ANY OF ENGINEER'S EMPLOYEES OR REPRESENTATIVES, OR BY ANY OTHER THIRD PARTY, BASED UPON, IN CONNECTION WITH, RESULTING FROM OR ARISING OUT OF THE NEGLIGENT ACTS, ERRORS OR OMISSIONS OF ENGINEER; HOWEVER, ENGINEER'S CONTRACTUAL OBLIGATION OF INDEMNIFICATION SHALL NOT EXTEND TO THE NEGLIGENCE OR OTHER FAULT OF THE FBGPTRA OR STRICT LIABILITY IMPOSED UPON THE FBGPTRA AS A MATTER OF LAW (INCLUDING STRICT LIABILITY IMPOSED UPON THE FBGPTRA AS A RESULT OF THE CONDITION OF THE PROPERTY OR FACILITIES WITH RESPECT TO WHICH THIS AGREEMENT PERTAINS).**
- b. In the event that both the FBGPTRA and Engineer are adjudicated negligent or otherwise at fault or strictly liable without fault with respect to damage or injuries sustained by the claimant, each shall be responsible for its own costs of litigation and pro rata share of damages as determined by the proceedings.

It is a condition precedent to the indemnitor' s contractual obligation of indemnification under this Agreement that the party seeking indemnity shall provide written notice of a third party claim, demand, or cause of action within 30 days after such third party claim, demand, or cause of action is received by the party seeking indemnity. It is a further condition precedent to the indemnitor' s contractual obligation of indemnification under this Agreement that the indemnitor shall thereafter have the right to participate in the investigation, defense, and resolution of such third-party claim.

15. Dispute Resolution

Except as expressly provided in Section 4. Option to Terminate, if a dispute arises out of, or relates to, the breach thereof, and if the dispute cannot be settled through negotiation,

then the FBGPTRA and the Engineer agree to submit the dispute to mediation. In the event the FBGPTRA or the Engineer desires to mediate any dispute, that party shall notify the other party in writing of the dispute desired to be mediated. If the parties are unable to resolve their differences within 10 days of the receipt of such notice, such dispute shall be submitted for mediation in accordance with the procedures and rules of the American Arbitration Association (or any successor organization) then in effect. The deadline for submitting the dispute to mediation can be changed if the parties mutually agree in writing to extend the time between receipt of notice and submission to mediation. The expenses of the mediator shall be shared 50 percent by the FBGPTRA and 50 percent by the Engineer. This requirement to seek mediation shall be a condition required before filing an action at law or in equity.

16. Delivery of Notices, Etc.

- a. All written notices, demands, and other papers or documents to be delivered to the FBGPTRA under this Agreement, shall be delivered to the Fort Bend County Toll Road Authority, 1950 Lockwood Bypass, Richmond, Texas 77469, Attention: Mike Stone, or at such other place or places as it may from time to time designate by written notice delivered to the Engineer. For purposes of notice under this Agreement, a copy of any notice or communication hereunder shall also be forwarded to the following address: Fort Bend County Clerk, 301 Jackson Street, Richmond, Texas 77469, Attention: County Judge.
- b. All written notices, demands, and other papers or documents to be delivered to the Engineer under this Agreement shall be delivered to Aguirre & Fields, Inc., 7215 New Territory Blvd., Suite 100, Sugar Land, TX 77479, Attention: Rick Carle, or such other place or places as the Engineer may designate by written notice delivered to the FBGPTRA.

17. Reports of Accidents, Etc.

Within 24 hours after the occurrence of any accident or other event which results in, or might result in, injury to the person or property of any third person (other than an employee of the Engineer), whether or not it results from or involves any action or failure to act by the Engineer or any employee or agent of the Engineer and which arises in any manner from the performance of this Agreement, the Engineer shall send a written report of such accident or other event to the FBGPTRA, setting forth a full and concise statement of the facts pertaining thereto. The Engineer shall also immediately send the FBGPTRA a copy of any summons, subpoena, notice, other documents served upon the Engineer, its agents, employees, or representatives, or received by it or them, in connection with any matter before any court arising in any manner from the Engineer's performance of work under this Agreement.

18. The FBGPTRA's Acts

Anything to be done under this Agreement by the FBGPTRA may be done by such persons, corporations, or firms as the FBGPTRA may designate.

19. Limitations

Notwithstanding anything herein to the contrary, all covenants and obligations of the FBGPTRA under this Agreement shall be deemed to be valid covenants and obligations only to extent authorized by the Act creating the FBGPTRA and permitted by the laws and the Constitution of the State of Texas. This Agreement shall be governed by the laws of the State of Texas, and no officer, director, or employee of the FBGPTRA shall have any personal obligation hereunder.

20. Captions Not a Part Hereof

The captions of subtitle of the several sections and divisions of this Agreement constitute no part of the content hereof but are only labels to assist in locating and reading the provisions hereof.

21. Controlling Law. Venue

This Agreement shall be governed and construed in accordance with the laws of the State of Texas. The parties hereto acknowledge that venue is proper in Fort Bend County, Texas, for all disputes arising hereunder and waive the right to sue or be sued elsewhere.

22. Successors and Assigns

The FBGPTRA and the Engineer bind themselves and their successors, executors, administrators, and assigns to the other party of this Agreement and to the successors, executors, administrators, and assigns of the other party, in respect to all covenants of this Agreement.

23. Appendices

The Appendices attached to this Agreement, which consists of:

Attachment A	Scope of Services
Attachment B	Compensation for Scope of Services
Attachment C	Insurance Requirements

24. Statutory Terms Applicable To State Political Subdivisions

- a. As required by Chapter 2270, Government Code, Engineer hereby verifies that it does not boycott Israel and will not boycott Israel through the term of this Agreement. For purposes of this verification, "boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary

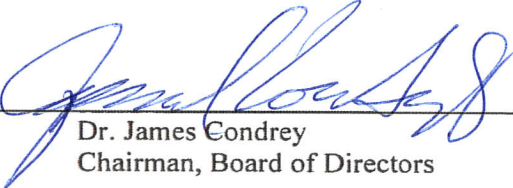
business purposes.

- b. Prior to execution of this Agreement by FBGPTRA, the Engineer will be required to submit a Texas Ethics Commission Form 1295. Please see this website for details related to this disclosure:
<https://www.ethics.state.tx.us/whatsnew/elfinfoform1295.htm>
- c. Engineer certifies and agrees that it is not identified on a list prepared and maintained under Sections 806.051, 807.051 or 2252.153, Texas Government Code.
- d. In accordance with Section 176.0065, Texas Local Government Code, a list of local government officers of FBGPTRA may be obtained by contacting the FBGPTRA's records administrator at (281) 500-6050.


[Signatures Follow]

IN WITNESS WHEREOF, the parties hereto have signed or have caused their respective names to be signed to multiple counterparts on the 19th day of February, ~~2019~~ 2020 to be effective on the date approved by Fort Bend County Commissioners Court.

FORT BEND COUNTY TOLL ROAD
AUTHORITY, a Texas local government
corporation

By: 
Dr. James Condrey
Chairman, Board of Directors

Aguirre & Fields, Aguirre, LLC - General Partner
ENGINEER

By: 
Name: Oscar R. Aguirre, P.E.
Title: President 02/12/2020

EFFECTIVE DATE

THIS AGREEMENT IS EFFECTIVE ON THE DATE IT IS APPROVED BY THE FORT BEND COUNTY COMMISSIONERS COURT, AND IF NOT SO APPROVED SHALL BE NULL AND VOID.

DATE OF COMMISSIONERS COURT APPROVAL: _____

AGENDA ITEM NO.: _____

**ATTACHMENT A
SCOPE OF SERVICES**

**FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) / WESTPARK TOLLWAY (FM 1093)
EASTBOUND/NORTHBOUND & WESTBOUND/NORTHBOUND DIRECT CONNECTORS**

DESIGN SERVICES

GENERAL DESCRIPTION

The work to be performed by the Engineer under this Contract consists of updating the signed/sealed design submitted in 1/31/2018 based on current criteria and standards as approved by the Fort Bend Grand Parkway Toll Road Authority. The Engineer will update the utility existing conditions, conflict list and identify utility relocations necessary for the project. Redesign to mitigate utility conflicts or adjustments based on updated survey of Westpark is not included in this work.

The following is a detailed list of tasks which will be performed by the Engineer:

1) SURVEY

- a) Update the utility master cad file. This will include field work as necessary to locate utilities based on utility research. Survey will utilize project control previously established on the project.
- b) Survey the edge of pavement for the Westpark mainlanes, ramp and frontage road to verify tie and horizontal and vertical clearances to the proposed EBNB DC. The previous design was based on design drawings of Westpark. The Westpark project is now constructed.

2) UTILITY COORDINATION

- a) Coordinate with utility companies as necessary to identify & locate the utilities with the project limits. Develop a utility contact list and conflict matrix.

3) ROADWAY

- a) Review current roadway design and plan sheets against latest TxDOT criteria and update as necessary. The updates are expected to be minor. Significant updates (if discovered) requiring geometry changes are not included.
- b) Incorporate updated utility file and update utility notes on plan sheets.
- c) Check geometry at the EBNB tie in against updated survey information.

4) DRAINAGE

- a) Review current drainage design and plan sheets against latest TxDOT criteria and update as necessary. The updates are expected to be minor. Significant updates (if discovered) requiring geometry changes are not included. Atlas 14 will not be incorporated.
- b) Incorporate updated utility file and update utility notes on applicable plan sheets.

5) TRAFFIC

- a) Review current traffic design and plan sheets against latest TxDOT criteria and update as necessary. The updates are expected to be minor. Significant updates (if discovered) requiring geometry changes are not included.
- b) Incorporate updated utility file and update utility notes on applicable plan sheets.

6) CONSTRUCTION SEQUENCING AND TRAFFIC CONTROL

- a) Review current TCP design and plan sheets against latest TxDOT criteria and update as necessary. The updates are expected to be minor. Significant updates (if discovered) requiring geometry or phasing changes are not included.
- b) Incorporate updated utility file and update utility notes on applicable plan sheets.

7) RETAINING WALLS

- a) Review current retaining wall design and plan sheets against latest TxDOT criteria and update as necessary. The updates are expected to be minor. Significant updates (if discovered) requiring geometry changes are not included.
- b) Incorporate updated utility file and update utility notes on applicable plan sheets.

8) BRIDGES

- a) Review current bridge design and plan sheets against latest TxDOT criteria and update as necessary. The updates are expected to be mostly minor for the 17 revised TxDOT bridge standards with the primary change of the elastomeric bearing type (SEJ-A to SEJ-M) affecting notes and callouts across the three direct connector plan sets. Several standards were previously modified (SGEB, SGMD, BD-2, IGMS) and need to be compared to the new standard to incorporate necessary revisions. Particular focus is required at steel girder and bearing details and any affect they have on design. Significant updates (if discovered) requiring geometry changes are not included. Redesign of the concrete TxGirders from unbonded, straight to harped design are not included.
- b) Incorporate updated utility file and update utility notes on applicable plan sheets.
- c) Check horizontal and vertical clearances at the EBNB DC over the Westpark entrance ramp.

9) GENERAL NOTES AND SPECIFICATIONS

- a) Update General Notes to current TxDOT.
- b) Update Specifications to current TxDOT.

10) QUANTITY TAKE-OFFS AND QUANTITIY SUMMMARIES

- a) Update to current.

11) CONSTRUCTION COST ESTIMATE

- a) Update to current.

12) PROJECT MANAGEMENT

- a) Project Management is adjusted to accommodate the effort required for upgrading and submitting the revised bid set.

13) DIRECT EXPENSES

- a) Direct expenses are adjusted to accommodate the effort required for upgrading and submitting the revised bid set. Reproductions for bidding or construction are not included.

14) SCHEDULE

One final submittal (singed/sealed) will be made with the updates made within _____

ATTACHMENT B

FEE ESTIMATE

**FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) / WESTPARK TOLLWAY (FM 1093)
EASTBOUND/NORTHBOUND & WESTBOUND/NORTHBOUND DIRECT CONNECTORS**

SUMMARY

PRIME: Aguirre & Fields
SUB: TNP (Formerly H&H Resources)
SUB: Progressive Traffic & Transportation
SUB: Weisser Engineering & Surveying

WORK TASK	DESCRIPTION	Aguirre & Fields	TNP (Formerly H&H Resources)	Progressive Traffic & Transportation	Weisser Engineering & Surveying	TOTAL
1	SURVEY				\$ 17,430.00	\$ 17,430.00
2	UTILITY COORDINATION	\$ 2,485.35				\$ 2,485.35
3	ROADWAY	\$ 6,560.40				\$ 6,560.40
4	TRAFFIC			\$ 5,884.00		\$ 5,884.00
5	DRAINAGE		\$ 16,305.00			\$ 16,305.00
6	CONSTRUCTION SEQUENCING AND TRAFFIC CONTROL	\$ 5,814.90				\$ 5,814.90
7	RETAINING WALLS	\$ 4,090.80				\$ 4,090.80
8	BRIDGES	\$ 19,500.60				\$ 19,500.60
9	GENERAL NOTES AND SPECIFICATIONS	\$ 1,304.10		\$ 1,008.00		\$ 2,312.10
10	STANDARD DRAWINGS	\$ 9,926.96	\$ 1,900.00	\$ 1,116.00		\$ 12,942.96
11	QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES	\$ 1,766.89		\$ 3,430.00		\$ 5,196.89
12	CONSTRUCTION COST ESTIMATE	\$ 904.58		\$ 1,864.00		\$ 2,768.58
13	MISCELLANEOUS DRAWINGS	\$ 2,297.40				\$ 2,297.40
14	PREPARATION AND SUBMITTAL OF PS&E	\$ 1,711.50		\$ 1,040.00		\$ 2,751.50
15	PROJECT MANAGEMENT	\$ 3,307.50	\$ 800.00	\$ 3,600.00		\$ 7,707.50
16	DIRECT EXPENSES	\$ 1,000.00				\$ 1,000.00
TOTAL		\$ 60,670.98	\$ 19,005.00	\$ 17,942.00	\$ 17,430.00	\$ 115,047.98

ATTACHMENT B

FEE ESTIMATE

FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) / WESTPARK TOLLWAY (FM 1093)
EASTBOUND/NORTHBOUND & WESTBOUND/NORTHBOUND DIRECT CONNECTORS

Aguirre & Fields

TASK DESCRIPTION	NUMBER OF SHEETS	Senior Structural Engineer	Project Manager	Project Engineer	Design Engineer	EIT	Engineering Technician	Admin Clerical	TOTAL LABOR HRS & COSTS
LABOR RATE PER HOUR		\$220.50	\$204.75	\$149.10	\$121.80	\$98.44	\$89.20	\$78.75	
UTILITY COORDINATION									
UPDATE UTILITY CONFLICT MATRIX			2	6		12			20
SHEETS & HOURS SUBTOTAL	0	0	2	6	0	12	0	0	20
SUBTOTAL LABOR COSTS		\$0.00	\$409.50	\$894.60	\$0.00	\$1,181.25	\$0.00	\$0.00	\$2,485.35
ROADWAY									
SURVEY CONTROL LAYOUTS	2			2					2
HORIZONTAL ALIGNMENT DATA	4			4					4
PROJECT ALIGNMENT LAYOUT	1			1					1
REMOVAL LAYOUT WESTPARK TOLLWAY EB	1			1					1
REMOVAL LAYOUT WESTPARK TOLLWAY WB	1			1					1
REMOVAL LAYOUT GRAND PARKWAY NB MAIN LANES & GRAND PARKWAY	4			4					4
REMOVAL LAYOUT EXISTING DCSE	1			1					1
PLAN AND PROFILES DIRECT CONNECTOR DCEN	12			12					12
PLAN AND PROFILES DIRECT CONNECTOR DCWS	4			4					4
PLAN AND PROFILES DIRECT CONNECTOR DCWN	4			4					4
PLAN AND PROFILE NB FRY RD EXIT RAMP	1			1					1
WIDENING LAYOUT WESTPARK TOLLWAY EB	1			1					1
WIDENING LAYOUT WESTPARK TOLLWAY WB	1			1					1
WIDENING LAYOUT GRAND PARKWAY NB FRONTAGE ROAD	3			3					3
WIDENING LAYOUT GRAND PARKWAY NB MAIN LANES	3			3					3
MISCELLANEOUS ROADWAY DETAILS SSCB (MOD)	1			1					1
SHEETS & HOURS SUBTOTAL	44	0	0	44	0	0	0	0	44
SUBTOTAL LABOR COSTS		\$0.00	\$0.00	\$6,560.40	\$0.00	\$0.00	\$0.00	\$0.00	\$6,560.40
TRAFFIC CONTROL PLAN									
TRAFFIC CONTROL PLAN NARRATIVE	2			4					4
TRAFFIC CONTROL PLAN ADVANCED WARNING SIGNS	2			2					2
TRAFFIC CONTROL PLAN KEY MAP PHASE 1	1			1					1
TRAFFIC CONTROL PLAN TYPICAL SECTIONS PHASE 1 STEP 1	1			1					1
TRAFFIC CONTROL PLAN PHASE 1 STEP 1	2			2					2
TRAFFIC CONTROL PLAN TYPICAL SECTIONS PHASE 1 STEP 2	1			1					1
TRAFFIC CONTROL PLAN PHASE 1 STEP 2	2			2					2
TRAFFIC CONTROL PLAN KEY MAP PHASE 2	2			2					2
TRAFFIC CONTROL PLAN TYPICAL SECTIONS PHASE 2 STEP 1	5			5					5
TRAFFIC CONTROL PLAN PHASE 2 STEP 1	7			7					7
DETOUR A CLOSURE DETOUR FOR DCEN WESTPARK/EB ENTRANCE RAMP	1			1					1
DETOUR B CLOSURE DETOUR FOR DCEN WESTPARK EBML & EBFR	1			1					1
DETOUR C CLOSURE DETOUR FOR CANAL RD	1			1					1
DETOUR D CLOSURE DETOUR FOR DCEN WESTPARK WBML & WBFR	1			1					1
DETOUR E GRAND PARKWAY SBFR & SBML CLOSURE DETOUR FOR DCEN	1			1					1
DETOUR F RAMP CLOSURE DETOUR FOR DCSE	1			1					1
DETOUR G GRAND PARKWAY NBML CLOSURE DETOUR FOR DCEN	1			1					1
DETOUR H CLOSURE DETOUR FOR FRY RD EXIT	1			1					1
DETOUR I GRAND PARKWAY NBFR CLOSURE DETOUR FOR DCEN/DCWN	1			1					1
DETOUR J CLOSURE DETOUR FOR DCWS/DCWN FM 1093 WBFR	1			1					1
COLUMN PROTECTION DETAIL	1			1					1
TREATMENT FOR VARIOUS EDGE CONDITIONS	1			1					1
SHEETS & HOURS SUBTOTAL	37	0	0	39	0	0	0	0	39
SUBTOTAL LABOR COSTS		\$0.00	\$0.00	\$5,814.90	\$0.00	\$0.00	\$0.00	\$0.00	\$5,814.90
RETAINING WALLS									
RETAINING WALL HORIZONTAL ALIGNMENT DATA	2	1		2					3
RETAINING WALL PLAN AND PROFILE	10	1		20					21
RW(MSE)DD (MOD)	1	1		1					2
SHEETS & HOURS SUBTOTAL	13	3	0	23	0	0	0	0	26
SUBTOTAL LABOR COSTS		\$661.50	\$0.00	\$3,429.30	\$0.00	\$0.00	\$0.00	\$0.00	\$4,090.80
BRIDGES									
BRIDGE DCEN									
BRIDGE LAYOUTS DCEN	12	4		4			4		12
ESTIMATED BRIDGE QUANTITIES DCEN	1	1		2			1		4
BEARING SEAT ELEVATIONS DCEN	1								0
FOUNDATION PLAN DCEN	6								0
FOUNDATION DETAILS 72" DRILL SHAFT DCEN	1								0
FOUNDATION DETAILS 96" DRILL SHAFT DCEN	1								0
FOUNDATION DETAILS 120" DRILL SHAFT DCEN	1								0
FOUNDATION DETAILS 144" DRILL SHAFT DCEN	1								0
ABUTMENT NO. 1 DCEN	1	1		1			1		3
ABUTMENT NO. 34 DCEN	1	1		1			1		3
BENT NO. 2 DCEN	2								0
BENT NO. 3 DCEN	2								0
BENT NO. 4 DCEN	2								0
BENT NO. 5 DCEN	2								0
BENT NO. 6 DCEN	2								0
BENT NO. 7, 28-29 DCEN	2								0
BENT NO. 8 DCEN	2								0
BENT NO. 9 DCEN	2								0
BENT NO. 10 DCEN	2								0
BENT NO. 11 DCEN	2								0
BENT NO. 12 DCEN	2								0
BENT NO. 13 DCEN	2								0

ATTACHMENT B

FEE ESTIMATE

FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) / WESTPARK TOLLWAY (FM 1093)
EASTBOUND/NORTHBOUND & WESTBOUND/NORTHBOUND DIRECT CONNECTORS

Aguirre & Fields

TASK DESCRIPTION	NUMBER OF SHEETS	Senior Structural Engineer	Project Manager	Project Engineer	Design Engineer	EIT	Engineering Technician	Admin Clerical	TOTAL LABOR HRS & COSTS
LABOR RATE PER HOUR		\$220.50	\$204.75	\$149.10	\$121.80	\$98.44	\$88.20	\$78.75	
BENT NO. 14 DCEN	2								0
BENT NO. 15 DCEN	3								0
BENT NO. 16 DCEN	2								0
BENT NO. 17 DCEN	2								0
BENT NO. 18 DCEN	2								0
BENT NO. 19 DCEN	2								0
BENT NO. 20 DCEN	2								0
BENT NO. 21 DCEN	2								0
BENT NO. 22 DCEN	2								0
BENT NO. 23 DCEN	3								0
BENT NO. 24 DCEN	2								0
BENT NO. 25 DCEN	2								0
BENT NO. 26 DCEN	2								0
BENT NO. 27 DCEN	2								0
BENT NO. 30 DCEN	2								0
BENT NO. 31 DCEN	2								0
BENT NO. 32 DCEN	2								0
BENT NO. 33 DCEN	2								0
4x6' COLUMN DETAILS DCEN	1								0
4x8' COLUMN DETAILS DCEN	1								0
5x8' COLUMN DETAILS DCEN	1								0
6x8' COLUMN DETAILS DCEN	1								0
6'x10' COLUMN DETAILS DCEN	1								0
FRAMING PLAN DCEN	11								0
360.00' PRESTRESSED CONCRETE GIRDER UNIT 1 DCEN	2	1		1			1		3
360.00' PRESTRESSED CONCRETE GIRDER UNIT 2 DCEN	2	1		1			1		3
360.00' PRESTRESSED CONCRETE GIRDER UNIT 3 DCEN	2	1		1			1		3
360.00' PRESTRESSED CONCRETE GIRDER UNIT 4 DCEN	2	1		1			1		3
240.00' PRESTRESSED CONCRETE GIRDER UNIT 5 DCEN	2	1		1			1		3
215.00' PRESTRESSED CONCRETE GIRDER UNIT 6 DCEN	2	1		1			1		3
560.00' CONTINUOUS STEEL PLATE GIRDER UNIT 7 DCEN	7	1		2			2		5
560.00' CONTINUOUS STEEL PLATE GIRDER UNIT 8 DCEN	7	1		2			2		5
230.00' PRESTRESSED CONCRETE GIRDER UNIT 9 DCEN	2	1		1			1		3
240.00' PRESTRESSED CONCRETE GIRDER UNIT 10 DCEN	2	1		1			1		3
360.00' PRESTRESSED CONCRETE GIRDER UNIT 11 DCEN	2	1		1			1		3
360.00' PRESTRESSED CONCRETE GIRDER UNIT 12 DCEN	2	1		1			1		3
360.00' PRESTRESSED CONCRETE GIRDER UNIT 13 DCEN	2	1		1			1		3
GORE DETAILS DCEN	3								0
PRESTRESSED CONCRETE I-GIRDER DESIGNS DCEN - IGND	1	1		6			1		8
BRIDGE DCWN									0
BRIDGE LAYOUTS DCWN	3	2		2			2		6
ESTIMATED BRIDGE QUANTITIES DCWN	1	1		2			1		4
BEARING SEAT ELEVATIONS DCWN	1								0
FOUNDATION PLAN DCWN	2								0
FOUNDATION DETAILS 96" DIA DRILLED SHAFT DCWN	1								0
BENTS NO. 1-9 DCWN	3								0
5x8' COLUMN DETAILS DCWN	1								0
FRAMING PLAN DCWN	4								0
237.00' PRESTRESSED CONCRETE GIRDER UNIT 1 DCWN	2	1		1			1		3
351.00' PRESTRESSED CONCRETE GIRDER UNIT 2 DCWN	2	1		1			1		3
351.00' PRESTRESSED CONCRETE GIRDER UNIT 3 DCWN	2	1		1			1		3
232.56' PRESTRESSED CONCRETE GIRDER UNIT 4 DCWN	2	1		1			1		3
PRESTRESSED CONCRETE I-GIRDER DESIGNS DCWN - IGND	1	1		4			1		6
BRIDGE DCWS									0
BRIDGE LAYOUTS DCWS	4	2		2			2		6
ESTIMATED BRIDGE QUANTITIES DCWS	1	1		2			1		4
BEARING SEAT ELEVATIONS DCWS	1								0
FOUNDATION PLAN DCWS	2								0
FOUNDATION DETAILS 72" DIA DRILLED SHAFT DCWS	1								0
FOUNDATION DETAILS 96" DIA DRILLED SHAFT DCWS	1								0
ABUTMENT NO. 1 DCWS	1	1		1			1		3
BENT NO. 2 DCWS	2								0
BENT NO. 3-6 DCWS	3								0
BENT NO. 7 DCWS	2								0
BENT NO. 8 DCWS	2								0
BENT NO. 9 DCWS	3								0
4x6' COLUMN DETAILS DCWS	1								0
4x8' COLUMN DETAILS DCWS	1								0
5x8' COLUMN DETAILS DCWS	1								0
FRAMING PLAN DCWS	3								0
360.00' PRESTRESSED CONCRETE GIRDER UNIT 1 DCWS	3	1		1			1		3
360.00' PRESTRESSED CONCRETE GIRDER UNIT 2 DCWS	2	1		1			1		3
247.49' PRESTRESSED CONCRETE GIRDER UNIT 3 DCWS	2	1		1			1		3
GORE DETAILS DCWS	2								0
PRESTRESSED CONCRETE I-GIRDER DESIGNS DCWS - IGND	1	1		4			1		5
SHEETS & HOURS SUBTOTAL	208	37	0	53	0	0	39	0	129
SUBTOTAL LABOR COSTS		\$8,156.50	\$0.00	\$7,902.30	\$0.00	\$0.00	\$3,439.80	\$0.00	\$19,500.60

ATTACHMENT B

FEE ESTIMATE

FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) / WESTPARK TOLLWAY (FM 1093)
EASTBOUND/NORTHBOUND & WESTBOUND/NORTHBOUND DIRECT CONNECTORS

Aguirre & Fields

TASK DESCRIPTION	NUMBER OF SHEETS	Senior Structural Engineer	Project Manager	Project Engineer	Design Engineer	EIT	Engineering Technician	Admin Clerical	TOTAL LABOR HRS & COSTS
LABOR RATE PER HOUR		\$220.50	\$204.75	\$149.10	\$121.80	\$98.44	\$88.20	\$76.75	
GENERAL NOTES AND SPECIFICATIONS									
UPDATE GENERAL NOTES AND SPECIFICATIONS			2	6					8
SHEETS & HOURS SUBTOTAL	0	0	2	6	0	0	0	0	8
SUBTOTAL LABOR COSTS		\$0.00	\$409.50	\$894.60	\$0.00	\$0.00	\$0.00	\$0.00	\$1,304.10
STANDARD DRAWINGS									
UPDATE ROADWAY STANDARDS									
CONTINUOUSLY REINFORCED CONCRETE PAVEMENT - CROP(1)-17	2								0
CONTINUOUSLY REINFORCED CONCRETE PAVEMENT HOUSTON SL	2								0
FAST TRACK CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	1								0
CONCRETE PAVEMENT JUNCTURES (HOU DIST) - CPJ	2								0
WIDE FLANGE PAVEMENT TERMINALS (HOU DIST) - WFPT	3								0
CONCRETE CURB AND CURB AND GUTTER - CCCG-12	1								0
MOW STRIP (HOU DIST) - MS	1								0
METAL BEAM GUARD FENCE - GF(31)-14	1			1		1	1		3
METAL BEAM GUARD FENCE TRANSITION - GF(31)TR-14	1			1		1	1		3
METAL BEAM GUARD FENCE DOWNSTREAM ANCHOR TERMINAL - GF	1			1		1	1		3
SINGLE GUARDRAIL TERMINAL - SGT(8)31-14	1			1		1	1		3
TRAFFIC RAIL FOUNDATION AND MISCELLANEOUS DETAILS - TRF	1			1		1	1		3
UPDATE TRAFFIC CONTROL STANDARDS									
BARRICADE AND CONSTRUCTION STANDARDS - BC(1)-14 THRU BC(1)	12								0
PRECAST SINGLE SLOPE CONCRETE BARRIER (L-J HOOK CONNECT	2								0
LTS-BARRIER SYSTEMS(ABSORB 350)(TEMPORARY WORK ZONES) -	1			1		2	1		4
ACZ-350 TEMPORARY - WORK ZONE - ACZ(350)-16	1			1		2	1		4
SLED CRASH CUSHION - SLED-14	1								0
TRAFFIC CONTROL PLAN - TCP(2-1)-12	1					1	1		2
TRAFFIC CONTROL PLAN - TCP(2-4)-12	1					1	1		2
TRAFFIC CONTROL PLAN - TCP(2-5)-12	1					1	1		2
TRAFFIC CONTROL PLAN - TCP(2-9)-12	1					1	1		2
TRAFFIC CONTROL PLAN - TCP(3-3)-14	1								0
TRAFFIC CONTROL PLAN - TCP(5-1)-12	1					1	1		2
TRAFFIC CONTROL PLAN - TCP(6-1)-12	1								0
TRAFFIC CONTROL PLAN - TCP(6-2)-12	1								0
TRAFFIC CONTROL PLAN - TCP(6-6)-12	1								0
TRAFFIC CONTROL PLAN - TCP(6-8)-14	1								0
TRAFFIC CONTROL PLAN - TYPICAL DETAILS - WZ(TD)-17	1								0
WORK ZONE ROAD CLOSURE DETAILS - WZ(RCD)-13	1								0
WORK ZONE "GIVE US A BRAKE" SIGNS - WZ(BRK)-13	1								0
EXIT GORE PAVEMENT MARKINGS (HOU DIST) - EGPM TC6001-04	1								0
UPDATE RETAINING WALL STANDARDS									
MECHANICALLY STABILIZED RETAINING WALL (HOU DIST) - MSRW-C3	1								0
CEMENT STABILIZED BACKFILL EMBANKMENT (HOU DIST) - CSBE	1								0
CEMENT STABILIZED BACKFILL EMBANKMENT (HOU DIST) - CSBE-RW	1								0
EARTHWORK MEASUREMENT AT RETAINING WALLS - RW(EM)	1								0
RETAINING WALL TRAFFIC RAILING FOUNDATIONS - RW(TRF)	1			2					2
RETAINING WALL AND EMBANKMENT FOUNDATION IMPROVEMENTS	1								0
UPDATE BRIDGE STANDARDS									
AESTHETIC DETAILS	2								0
REINFORCED BEARING SEAT DETAILS	1								0
BRIDGE DRAIN DETAILS - BD-2(MOD)	3								0
BRIDGE MOUNTED CLEARANCE SIGN ASSEMBLY - BMCS	3			1		1	1		3
CONCRETE RIPRAP AND SHOULDER DRAINS EMBANKMENTS AT BR	1			1		1	1		3
CEMENT STABILIZED ABUTMENT BACKFILL - CSAB	1			1		1	1		3
COMMON FOUNDATION DETAILS - FD	2			1		1	1		3
CONTINUOUS SLAB DETAILS PRESTR CONC I-GIRDER SPANS - IGCS	1			1		1	1		3
PRESTRESSED CONCRETE I-GIRDER DETAILS - IGD	2			1		1	1		3
ELASTOMERIC BEARING AND GIRDER END DETAILS PRESTR CONC	3			1		1	1		3
MISCELLANEOUS SLAB DETAILS PRESTR CONCRETE I-GIRDERS - IGI	2					1	1		0
THICKENED SLAB END DETAILS PRESTRESSED CONC I-GIRDER SPA	1								0
MINIMUM ERECTION AND BRACING REQUIREMENTS PRESTRESSED C	2								0
MINIMUM ERECTION AND BRACING REQUIREMENTS STEEL GIRDERS	1			1		1	1		3
PRESTRESSED CONCRETE PANELS - PCP	4			1		1	1		3
PRESTRESSED CONCRETE PANEL FABRICATION DETAILS - PCP-FAB	1			1		1	1		3
PERMANENT METAL DECK FORMS - PMDF	2					1	1		3
SEALED EXPANSION JOINT TYPE A WITHOUT OVERLAY - SEJ-A	2			1		1	1		3
ELASTOMERIC BEARING DETAILS STEEL GIRDERS AND BEAMS - SGE	3	1		1		1	1		4
MISCELLANEOUS DETAILS STEEL GIRDERS AND BEAMS - SGMD(MOL	3	1		1		1	1		4
MISCELLANEOUS SLAB DETAILS STEEL GIRDERS AND BEAMS - SGMS	1			1		1	1		3
THICKENED SLAB END DETAILS STEEL GIRDERS AND BEAMS - SGTS	1			1		1	1		3
TRAFFIC RAIL SINGLE SLOPE TYPE SSTR	2			1		1	1		3
SHEETS & HOURS SUBTOTAL	98	2	0	28	0	31	29	0	88
SUBTOTAL LABOR COSTS		\$441.00	\$0.00	\$3,876.60	\$0.00	\$3,051.56	\$2,557.80	\$0.00	\$9,926.96
QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES									
SUMMARY OF TRAFFIC CONTROL QUANTITIES				2		2	2		6
SUMMARY OF ROADWAY QUANTITIES				2		2	2		6
SUMMARY OF SW3P QUANTITIES				1		1	2		4
SHEETS & HOURS SUBTOTAL	0	0	0	5	0	5	6	0	16
SUBTOTAL LABOR COSTS		\$0.00	\$0.00	\$745.50	\$0.00	\$492.19	\$529.20	\$0.00	\$1,766.89

ATTACHMENT B

FEE ESTIMATE

FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) / WESTPARK TOLLWAY (FM 1093)
EASTBOUND/NORTHBOUND & WESTBOUND/NORTHBOUND DIRECT CONNECTORS

Aguirre & Fields

TASK DESCRIPTION	NUMBER OF SHEETS	Senior Structural Engineer	Project Manager	Project Engineer	Design Engineer	EIT	Engineering Technician	Admin Clerical	TOTAL LABOR HRS & COSTS
LABOR RATE PER HOUR		\$220.50	\$204.75	\$149.10	\$121.80	\$98.44	\$88.20	\$78.75	
CONSTRUCTION COST ESTIMATE									
FINAL ESTIMATE			2	2		2			6
SHEETS & HOURS SUBTOTAL	0	0	2	2	0	2	0	0	6
SUBTOTAL LABOR COSTS		\$0.00	\$409.50	\$298.20	\$0.00	\$196.88	\$0.00	\$0.00	\$904.58
MISCELLANEOUS DRAWINGS									
TITLE SHEET			1				1		2
PROJECT LAYOUT			1				1		2
95% INDEX OF SHEETS			1	2			4		7
FINAL INDEX OF SHEETS			1	2			4		7
SHEETS & HOURS SUBTOTAL	0	0	4	4	0	0	10	0	18
SUBTOTAL LABOR COSTS		\$0.00	\$819.00	\$596.40	\$0.00	\$0.00	\$882.00	\$0.00	\$2,297.40
PREPARATION AND SUBMITTAL OF PS&E									
FINAL SUBMITTAL (2 VOLUMES)			2	4			8		14
SHEETS & HOURS SUBTOTAL	0	0	2	4	0	0	8	0	14
SUBTOTAL LABOR COSTS		\$0.00	\$409.50	\$596.40	\$0.00	\$0.00	\$705.60	\$0.00	\$1,711.50
PROJECT MANAGEMENT									
PROJECT MANAGEMENT (assuming 4 hrs/wk for PM for 3 months)			12						12
INVOICES, PROGRESS REPORTS & SCHEDULES			3					3	6
SHEETS & HOURS SUBTOTAL	0	0	15	0	0	0	0	3	18
SUBTOTAL LABOR COSTS		\$0.00	\$3,071.25	\$0.00	\$0.00	\$0.00	\$0.00	\$236.25	\$3,307.50
DIRECT EXPENSES									\$1,000.00
CONTINGENCY									
TOTAL COSTS									\$60,670.98

ATTACHMENT B

FEE ESTIMATE

FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) / WESTPARK TOLLWAY (FM 1093)
EASTBOUND/NORTHBOUND & WESTBOUND/NORTHBOUND DIRECT CONNECTORS

TNP (Formerly H&H Resources)

TASK DESCRIPTION	NUMBER OF SHEETS	Senior Project Manager	Project Manager	Senior Project Engineer	Project Engineer	EIT	Senior Design Tech	Engineer Tech	Admin/Clerical	TOTAL LABOR HRS & COSTS	Hrs/Sht
LABOR RATE PER HOUR		\$220.00	\$195.00	\$185.00	\$160.00	\$110.00	\$130.00	\$100.00	\$75.00		
DRAINAGE											
REVIEW DRAINAGE SHEETS	59		59		30					89	
SHEETS & HOURS SUBTOTAL	59	0	59	0	30	0	0	0	0	89	
SUBTOTAL LABOR COSTS		\$0.00	\$11,505.00	\$0.00	\$4,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,305.00	
STANDARD DRAWINGS											
UPDATE STANDARDS		5			5					10	
SHEETS & HOURS SUBTOTAL	0	5	0	0	5	0	0	0	0	10	
SUBTOTAL LABOR COSTS		\$1,100.00	\$0.00	\$0.00	\$800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,900.00	
PROJECT MANAGEMENT											
PROJECT MANAGEMENT					5					5	
SHEETS & HOURS SUBTOTAL	0	0	0	0	5	0	0	0	0	5	
SUBTOTAL LABOR COSTS		\$0.00	\$0.00	\$0.00	\$800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$800.00	
TOTAL LABOR COSTS		\$1,100.00	\$11,505.00	\$0.00	\$6,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,005.00	
DIRECT EXPENSES											
TOTAL COSTS										\$19,005.00	

ATTACHMENT B

FEE ESTIMATE

**FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) / WESTPARK TOLLWAY (FM 1093)
EASTBOUND/NORTHBOUND & WESTBOUND/NORTHBOUND DIRECT CONNECTORS**

Progressive Traffic & Transportation

TASK DESCRIPTION	NUMBER OF SHEETS	Principal	Project Manager	Project Engineer	Engineering Technician	TOTAL LABOR HRS & COSTS
LABOR RATE PER HOUR		\$265.00	\$225.00	\$168.00	\$130.00	
TRAFFIC						
SIGNING & PAVEMENT MARKINGS LAYOUT				6	8	14
GUIDE SIGN SCHEMATIC				1	2	3
OVERHEAD SIGN ELEVATIONS (one per sheet)				1	2	3
LARGE SIGN DETAILS				1	2	3
LARGE SIGN ON EXISTING STRUCTURE				1	2	3
ILLUMINATION LAYOUTS				6	2	8
ILLUMINATION CIRCUIT DIAGRAM				1	2	3
ILLUMINATION DETAILS				1	2	3
SHEETS & HOURS SUBTOTAL	0	0	0	18	22	40
SUBTOTAL LABOR COSTS		\$0.00	\$0.00	\$3,024.00	\$2,860.00	\$5,884.00
GENERAL NOTES AND SPECIFICATIONS						
GENERAL NOTES AND SPECIFICATIONS				6		6
SHEETS & HOURS SUBTOTAL	0	0	0	6	0	6
SUBTOTAL LABOR COSTS		\$0.00	\$0.00	\$1,008.00	\$0.00	\$1,008.00
STANDARD DRAWINGS						
UPDATE STANDARDS				2	6	8
SHEETS & HOURS SUBTOTAL	0	0	0	2	6	8
SUBTOTAL LABOR COSTS		\$0.00	\$0.00	\$336.00	\$780.00	\$1,116.00
QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES						
SUMMARY OF ILLUMINATION QUANTITIES				6	2	8
SUMMARY OF PAVEMENT MARKING QUANTITIES				6	2	8
SUMMARY OF OVERHEAD SIGN STRUCTURES				1	1	2
LARGE SIGN SUMMARY				1	1	2
SMALL SIGN SUMMARY				1	1	2
SHEETS & HOURS SUBTOTAL	0	0	0	15	7	22
SUBTOTAL LABOR COSTS		\$0.00	\$0.00	\$2,520.00	\$910.00	\$3,430.00
CONSTRUCTION COST ESTIMATE						
95% & FINAL				8	4	12
SHEETS & HOURS SUBTOTAL	0	0	0	8	4	12
SUBTOTAL LABOR COSTS		\$0.00	\$0.00	\$1,344.00	\$520.00	\$1,864.00
PREPARATION AND SUBMITTAL OF PS&E						
95% & FINAL					8	8
SHEETS & HOURS SUBTOTAL	0	0	0	0	8	8
SUBTOTAL LABOR COSTS		\$0.00	\$0.00	\$0.00	\$1,040.00	\$1,040.00
PROJECT MANAGEMENT						
PROJECT MANAGEMENT			16			16
SHEETS & HOURS SUBTOTAL	0	0	16	0	0	16
SUBTOTAL LABOR COSTS		\$0.00	\$3,600.00	\$0.00	\$0.00	\$3,600.00
DIRECT EXPENSES						
TOTAL COSTS						\$17,942.00

ATTACHMENT B

FEE ESTIMATE

**FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) / WESTPARK TOLLWAY (FM 1093)
EASTBOUND/NORTHBOUND & WESTBOUND/NORTHBOUND DIRECT CONNECTORS**

Weisser Engineering & Surveying

TASK DESCRIPTION	NUMBER OF SHEETS	PROJECT MANAGER (RPLS)	FIELD SUPERVISOR	SURVEY TECHNICIAN	3 PERSON CREW	CADD SUPPORT	ADMIN	RECORDS RESEARCH	TOTAL LABOR HRS & COSTS
LABOR RATE PER HOUR		\$140.00	\$100.00	\$105.00	\$165.00	\$90.00	\$60.00	\$80.00	
SURVEY									
UPDATE UTILITY CAD MASTER FILE		4	4	20	50	40	2	30	120
									0
SHEETS & HOURS SUBTOTAL	0	4	4	20	50	40	2	30	150
SUBTOTAL LABOR COSTS		\$560.00	\$400.00	\$2,100.00	\$8,250.00	\$3,600.00	\$120.00	\$2,400.00	\$17,430.00
EXPENSES									
EXPENSES									
SUBTOTAL LABOR COSTS									\$0.00
TOTAL									\$17,430.00

CERTIFICATE OF INTERESTED PARTIES

FORM **1295**

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

**OFFICE USE ONLY
CERTIFICATION OF FILING**

Certificate Number:
2020-586872

Date Filed:
02/11/2020

Date Acknowledged:
02/19/2020

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
Aguirre & Fields, LP
Sugar Land, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
Fort Bend County Toll Road Authority

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
Engineering Service Agreement
Professional Engineering Services for SH99 Direct Connectors (FM 1093) Project

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Lubitz, David J.	Austin, TX United States	X	
	Lee, Roger O.	Sugar Land, TX United States	X	
	Gribble, Mark D.	Sugar Land, TX United States	X	
	Crosby, Christine R.	Sugar Land, TX United States	X	
	Carle, Rick A.	Sugar Land, TX United States	X	
	Aguirre, Oscar R.	Sugar Land, TX United States	X	
	Aguirre, LLC - General Partner	Sugar Land, TX United States	X	

5 Check only if there is NO Interested Party.

6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____ County, State of _____, on the _____ day of _____, 20____.
(month) (year)

Signature of authorized agent of contracting business entity
(Declarant)