

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 Amani Engineering, Inc., (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 October 6, 2015, (hereinafter "Agreement"); and

WHEREAS, the parties desire to amend the Agreement for additional services to be provided and increase the total Maximum Compensation for the completion of such additional services.

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

1. County shall pay Contractor an additional thirty-six thousand five hundred fifty-five dollars and no/100 (\$36,555.00) to perform a Hydraulic Impact Study as described in the proposal attached hereto as Attachment "A" and incorporated herein for all purposes.
2. The Maximum Compensation payable to Contractor for Services rendered is hereby increased to an amount not to exceed four hundred sixty-one thousand eight hundred forty-one dollars and no/100 (\$461,841.00), authorized as follows:  
                           \$425,286.00 under the Agreement; and  
                           \$36,555.00 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.

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

FORT BEND COUNTY

Robert E. Hebert, County Judge

4-26-16  
Date

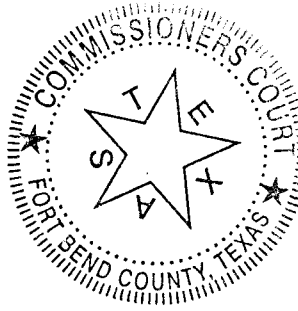
AMANI ENGINEERING, INC.

H. Prasad Kolluru, P.E., President

4/13/2016  
Date

ATTEST:

Laura Richard, County Clerk



APPROVED:

Richard W. Stolleis, P.E., County Engineer

APPROVED AS TO LEGAL FORM:

Marcus D. Spencer, First Assistant County Attorney

**AUDITOR'S CERTIFICATE**

I hereby certify that funds are available in the amount of \$461,841.00 to accomplish and pay the obligation of Fort Bend County under this contract

  
Robert Ed Sturdivant, County Auditor

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# ATTACHMENT A



# Amani Engineering, Inc.

• Engineers • Surveyors • Construction Managers

April 07, 2016

VIA EMAIL: [rbarnett@ljaengineering.com](mailto:rbarnett@ljaengineering.com)

Mr. Robert W. Barnett, P.E.  
Senior Project Manager  
LJA Engineering, Inc.  
2929 Briarpark Drive, Suite 600  
Houston, TX 77042

Re: Fee Proposal for Hydraulic Impact Study for the Fort Bend County 2013 Mobility Bond Program, South Post Oak Boulevard from Hunter Green Lane to Trammel Fresno Road, FBC Project No. 13112

Dear Mr. Barnett,

Amani Engineering, Inc. is pleased to provide this fee proposal to perform Hydraulic Impact Study for the referenced project. Based on our understanding from the meeting held on 3/23/2016 and your e-mail dated 4/5/2016, we propose the following scope of work, assumptions, exceptions, deliverables, schedule and fee.

## I. SCOPE OF WORK:

The scope of services include hydrologic and hydraulic analysis, drainage study for South Post Oak Boulevard from just north of Hunter Green Lane to the Trammel Fresno Road.

Amani Engineering will follow City of Houston Infrastructure design manual Chapter 9- Storm water Design Requirements and TP-100 (Design for storm sewer general guidelines) to perform Hydraulic Impact study.

## II. ASSUMPTIONS:

- 1) The project is approximately 5,250 LF in length. The project will consist of the construction of a four-lane concrete urban section boulevard from the existing South Post Oak Boulevard just north of Hunter Green Lane to the intersection with W. Sycamore Road.
- 2) The concrete boulevard section of South Post Oak Boulevard will tie into the existing W. Sycamore Road as indicated in the enclosed Exhibit A – Sample of South Post Oak Boulevard – W. Sycamore Road Pavement Tie-in.
- 3) There is no anticipated pavement widening to W. Sycamore Road at this time. Continuing north a two-lane asphalt road with roadside ditch will be constructed from W. Sycamore Road to Trammel Fresno Road. The two-lane asphalt road will be terminated at the south side of the existing Trammel Fresno Road pavement.
- 4) Right-of-way will be acquired to obtain a 100-foot width where ever it is deficient. Anticipated right-of-way is illustrated in the enclosed Exhibit B – Anticipated ROW Acquisition Parcels.
- 5) Master Drainage Plan shall be provided by Fort Bend County for the project area.

## III. EXCEPTIONS:

- Wetlands Investigations
- Notification to the Texas Historical Commission
- Environmental Site Assessments
- Easement/Off-site Surveys
- SUE/SUI Locating Services

Mr. Robert W. Barnett, P.E.  
LJA Engineering, Inc.  
Engineering Services for FBC 2013 Mobility Bond Program  
South Post Oak Blvd. from Hunter Green Ln. to Trammel Fresno Rd., FBC Project No. 13112  
April 07, 2016  
Page 2 of 2

- Construction Field Visits and Progress Meetings
- Post Construction Storm Water Management Plan

#### IV. DELIVERABLES:

Hydraulic Impact Study Report which includes the following items:

1. Project Drainage area map, existing drainage infrastructure and outfall information.
2. Analyze existing system (road side ditches) for a 2 year and 100 year event using HouStorm.
3. Overland flow paths using readily available data such as LiDAR for more accurate determination of ponded areas and flow directions.
4. 2 year storm sewer proposed design with new &/or improved storm sewers and/or inlets.
5. Determine if regional detention or local real-estate is available for mitigation.
6. 100-year impact analysis.
7. Identify mitigation measures and overland flow improvements.
8. Produce Hydraulic data sheets, drainage area maps, and all applicable storm sewer preliminary design documents

#### V. SCHEDULE:

45 Days from Notice to Proceed to Submit Hydraulic Impact Study report.

#### VI. FEE:

As detailed in enclosed Level of Effort Estimate, we propose a lump sum fee of \$36,555.00


We appreciate the opportunity to propose on this project. Please call Mr. Satya Yalamanchili, P.E., at 713-270-5700 x 107 or me at 713-270-5700 x 101 if you have questions or need additional information concerning this proposal.

Yours Sincerely,  
For Amani Engineering, Inc.



H. Prasad Kolluru, P.E.  
President

TBPE Firm Reg. No. F-4528  
TBPLS Firm Reg. No. 100282-00

HPK: md: sy 

- Enclosures:
- 1) Exhibit A – Sample of South Post Oak – W. Sycamore Road Pavement Tie-in
  - 2) Exhibit B – Anticipated ROW Acquisition Parcels
  - 3) Level of Effort Estimate

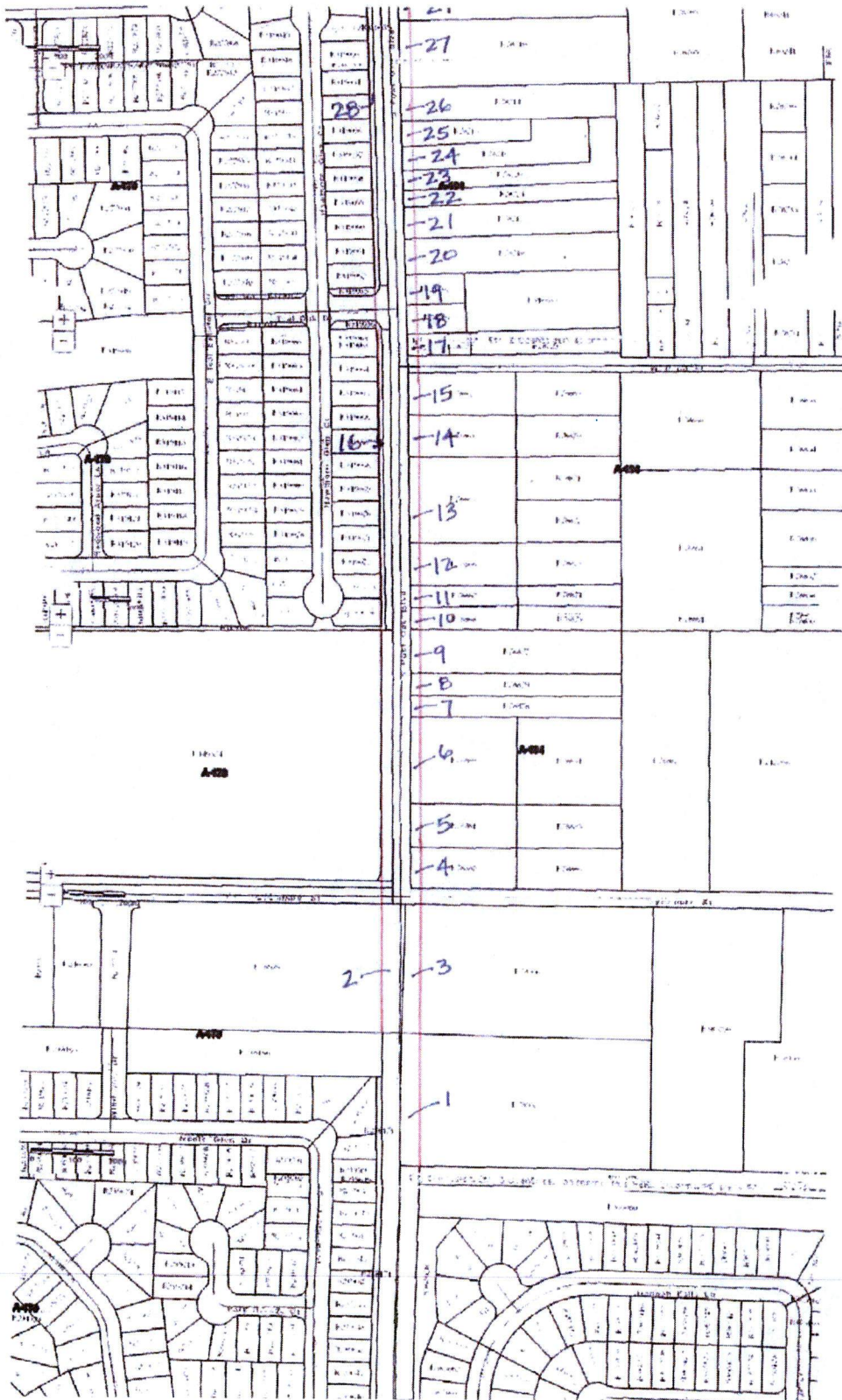
EXHIBIT A

SAMPLE OF S. POST OAK BLVD. – W. SYCAMORE ROAD PAVEMENT TIE-IN



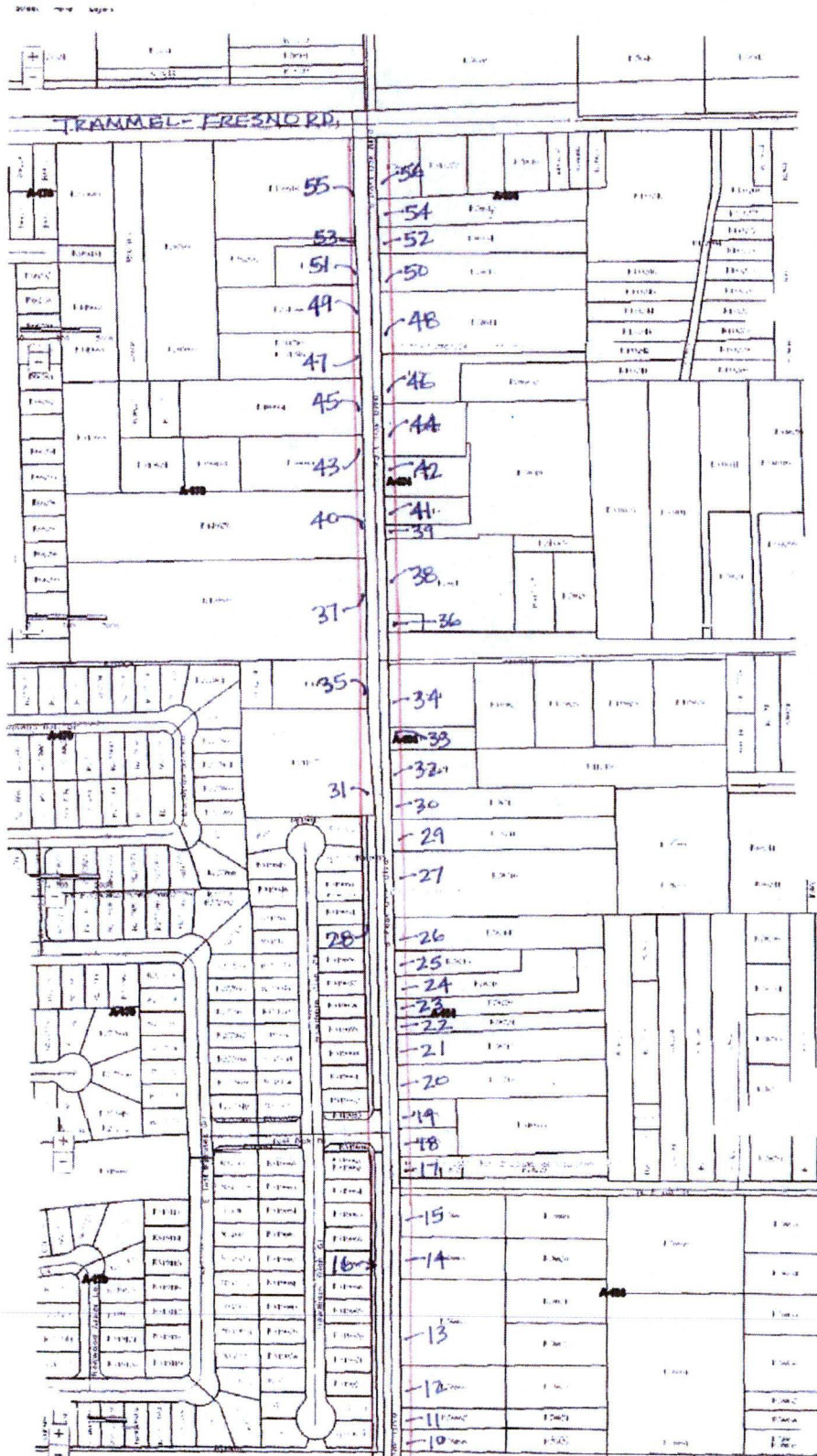
# EXHIBIT B

## ANTICIPATED ROW ACQUISITION PARCELS



# EXHIBIT B

## ANTICIPATED ROW ACQUISITION PARCELS



# South Post Oak Boulevard, FBC Project No. 13112

## DRAINAGE STUDY REPORT

### LEVEL OF EFFORT ESTIMATE FOR HYDRAULIC IMPACT STUDY

Cilent: Fort Bend County Drainage District

04/07/16

Sr. No.	Task Description	Principal Engineer \$195.00/Hr	Project Manager \$165.00/Hr	Senior Civil Engineer \$150.00/Hr	Project Engineer \$140.00/Hr	Graduate Engineer. \$105.00/Hr	CADD Operator/Survey Tech \$90.00/Hr.	Clerical Staff \$60/Hr	Subtotal Hours	Subtotal Cost
<b>Drainage Study Report</b>										
1	Research and collect previous study reports, hydraulic models and record drawings.		1	2		12			15	\$1,725.00
2	Drainage Area Maps		4	2	8	12	20		46	\$5,140.00
3	Compute Hydrology and Hydrographs		4	6	20	36	12		78	\$9,220.00
4	Houstorm Modelling for Existing and Proposed Conditions		4	6	20	44			74	\$8,980.00
5	Preparation of Report		6	10	12	20		10	58	\$6,870.00
6	Drainage Coordiantion with MUD 23, Fort Bend County and LJA			1	6	16			23	\$2,670.00
7	Project Management, Q.A./ Q.C.	2	4	6					12	\$1,950.00
Total Hours									306	
<b>TOTAL COST:</b>										<b>\$36,555.00</b>

5/1/16



# 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

**1 Name of business entity filing form, and the city, state and country of the business entity's place of business.**

Amani Engineering, Inc.  
Houston, TX United States

**Certificate Number:**  
2016-39286

**Date Filed:**  
04/13/2016

**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

**Date Acknowledged:**  
04/26/2016

**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.**

131480  
Professional Engineering Services

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary

**5 Check only if there is NO Interested Party.**

**6 AFFIDAVIT** I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.

\_\_\_\_\_  
Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said \_\_\_\_\_, this the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, to certify which, witness my hand and seal of office.

\_\_\_\_\_  
Signature of officer administering oath      Printed name of officer administering oath      Title of officer administering oath