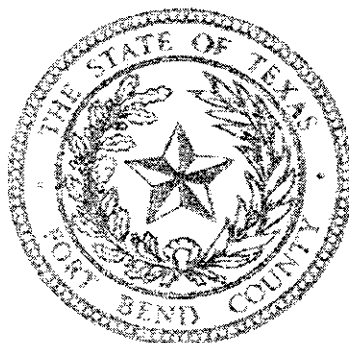


**Fort Bend County, Texas  
Invitation for Bid**



**Construction of Sycamore Road from Eaglewood Trail to Rabb Road  
for Fort Bend County Bond Project 13113  
BID 17-076**

**SUBMIT BIDS TO:**

Fort Bend County  
Purchasing Department  
Travis Annex  
301 Jackson, Suite 201  
Richmond TX 77469

**\*\*NOTE:**

All correspondence must include the term  
"Purchasing Department" in address to assist in  
proper delivery

**SUBMIT NO LATER THAN:**

Tuesday, May 30, 2017  
2:00 PM (Central)

**MARK ENVELOPE:**

Bid 17-076  
Sycamore Road

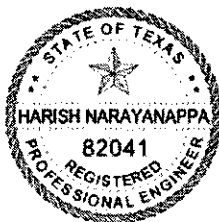
**ALL BIDS MUST BE RECEIVED IN COUNTY PURCHASING OFFICE  
BEFORE RECEIVING DATE AND TIME SPECIFIED.  
BIDS RECEIVED WILL THEN BE OPENED AND PUBLICLY READ.  
BIDS RECEIVED AFTER THE SPECIFIED TIME WILL BE RETURNED  
UNOPENED.**

Results will not be given by phone.  
Results will be provided to bidders in writing  
after Commissioners Court award.

Fort Bend County is always conscious  
and extremely appreciative of your effort  
in the preparation of this bid. Requests for  
information must be in writing and directed  
to:

Debbie Kaminski, CPPB  
Assistant County Purchasing Agent  
[Debbie.Kaminski@fortbendcountytexas.gov](mailto:Debbie.Kaminski@fortbendcountytexas.gov)

Prepared: 04/26/17  
Issued: 05/8/17



*Harish Narayanappa*  
May 1, 2017

EPIC Transportation Group, LP  
800 Wilcrest Drive, Suite 240  
Houston, TX 77042  
Tel: 713-609-9416  
TBPE Firm F-11000

**Vendor Information**

Durwood Greene Construction Co.

Legal Name of Contracting Company

74-1654993

Federal ID Number (Company or Corporation) or Social Security Number (Individual)

281-499-1551

Telephone Number

281-499-1525

Facsimile Number

P.O. Box 1338

Complete Mailing Address (for Correspondence)

Stafford, Texas 77497-1338

City, State and Zip Code

Complete Remittance Address (if different from above)

City, State and Zip Code

**Jerry L. Berry**  
**Vice President**

Authorized Representative and Title (printed)

jberry@durwoodgreene.com

Authorized Representative's Email Address

Jerry L. Berry

Signature of Authorized Representative



**1.0 GENERAL REQUIREMENTS:**

- 1.1 Read this entire document carefully. Follow all instructions. You are responsible for fulfilling all requirements and specifications. Be sure you understand them.
- 1.2 General Requirements apply to all advertised bids; however, these may be superseded, whole or in part, by the scope, special requirements, specifications, special specifications or other data contained herein.
- 1.3 Governing Law: Bidder is advised that these requirements shall be fully governed by the laws of the State of Texas and that Fort Bend County may request and rely on advice, decisions and opinions of the Attorney General of Texas and the County Attorney concerning any portion of these requirements.
- 1.4 Bid Form Completion: Fill out, sign, and return to the Fort Bend County Purchasing Department one (1) complete bid form. An authorized representative of the bidder must sign the Contract Sheet. The Contract will be binding only when signed by the County Judge, Fort Bend County and a purchase order authorizing the item(s) desired has been issued. The use of corrective fluid is not acceptable and may result in the disqualification of bid. If an error is made, the bidder must draw a line through error and initial each change.
- 1.5 Bid Returns: Bidders must return all completed bids to the Fort Bend County Purchasing Department at 301 Jackson, Suite 201 Richmond Texas no later than 2:00 P.M. on the date specified. Late bids will not be accepted. Bids must be submitted in a sealed envelope, addressed as follows: Fort Bend County Purchasing Agent, Travis Annex, 301 Jackson, Suite 201 Richmond, Texas 77469.
- 1.6 Addenda: No interpretation of the meaning of the drawings, specifications or other bid documents will be made to any bidder orally. All requests for such interpretations must be made in writing addressed to Ms Debbie Kaminski, Assistant County Purchasing Agent, 301, Jackson, Suite 201, Richmond, Texas, 77469, E-mail: [Debbie.Kaminski@fortbendcountytexas.gov](mailto:Debbie.Kaminski@fortbendcountytexas.gov). Any and all interpretations and any supplemental instructions will be in the form of written addenda to the contract documents which will be posted on Fort Bend County's website. Addenda will **ONLY** be issued by the Fort Bend County Purchasing Agent. It is the sole responsibility of each bidder to insure receipt of any and all addenda. All addenda issued will become part of the contract documents. Bidders must sign and include it in the returned bid package. Deadline for submission of questions and/or clarification is **Monday, May 22, 2017 at 3:00PM (CST)**. Requests received after the deadline will not be responded to due to the time constraints of this bid process.
- 1.7 References: All bidders must submit, **WITH BID**, at least three (3) references from clients for whom a project similar to that specified herein has been

successfully accomplished. References must include clients name, contact person and telephone number.

- 1.8 Bid Bond: All bidders must submit, **WITH BID**, a cashier's check or certified check for at least five percent (5%) of the total bid price, payable to the order of Fort Bend County, or a Bid Bond in the same amount issued by a surety, acceptable to Fort Bend County, authorized to do business in the State of Texas, as a guarantee that the Bidder will do the work described herein at the rates stated herein. Unsuccessful bidder's Cashier's Check or Certified Check will be returned only after a written request to do so have been received in the Office of the Fort Bend County Purchasing Agent.
- 1.9 Material Safety Data Sheets: Under the "Hazardous Communication Act", commonly known as the "Texas Right to Know Act", a bidder must provide to Fort Bend County and using departments, with each delivery, material safety data sheets, which are, applicable to hazardous substances defined in the Act. Bidders are obligated to maintain a current, updated file in the Fort Bend County Purchasing Department. Failure of the bidder to maintain such a file will be cause to reject any bid applying thereto.
- 1.10 Pricing: Prices for all goods and/or services shall be firm for the duration of this Contract and shall be stated on the bid sheet. Prices shall be all inclusive. No price changes, additions, or subsequent qualifications will be honored during the course of the Contract. All prices must be written in ink or typewritten. If there are any additional charges of any kind, other than those mentioned above, specified or unspecified, bidder **MUST** indicate the items required and attendant costs or forfeit the right to payment for such items.
- 1.11 Term Contracts: If the Contract is intended to cover a specific time period, said time will be given in the specifications under scope.
- 1.12 Recycled Materials: Fort Bend County encourages the use of products made of recycled materials and shall give preference in purchasing to products made of recycled materials if the products meet applicable specifications as to quantity and quality. Fort Bend County will be the sole judge in determining product preference application.
- 1.13 Evaluation: Evaluation shall be used as a determinant as to which bid items or services are the most efficient and/or most economical for Fort Bend County. It shall be based on all factors which have a bearing on price and performance of the items in the user environment. All bids are subject to tabulation by the Fort Bend County Purchasing Department and recommendation to Fort Bend County Commissioners Court. Compliance with all bid requirements, delivery and needs of the using department are considerations in evaluating bids. Pricing is **NOT** the only criteria for making a recommendation. The Fort Bend County Purchasing Department reserves the right to contact any bidder, at any time, to clarify, verify



or request information with regard to any bid.

- 1.14 **Disqualification of Bidder:** Upon signing this bid document, a bidder offering to sell supplies, materials, services, or equipment to Fort Bend County certifies that the bidder has not violated the antitrust laws of this state codified in section 15.01, et seq., Business & Commerce Code, or the federal antitrust laws, and has not communicated directly or indirectly the bid made to any competitor or any other person engaged in such line of business. Any or all bids may be rejected if Fort Bend County believes that collusion exists among the bidders. Bids in which the prices are obviously unbalanced may be rejected. If multiple bids are submitted by a bidder and after the bids are opened, one of the bids is withdrawn, the result will be that all of the bids submitted by that bidder will be withdrawn; however, nothing herein prohibits a vendor from submitting multiple bids for different products or services.
- 1.15 **Awards:** Fort Bend County reserves the right to award this Contract on the basis of lowest and best bid in accordance with the laws of the State of Texas, to waive any formality or irregularity, to make awards to more than one bidder, to reject any or all bids. In the event the lowest dollar bidder meeting specifications is not awarded a contract, the bidder may appear before the Commissioners Court and present evidence concerning its responsibility.
- 1.16 **Contract Obligation:** Fort Bend County Commissioners Court must award the Contract and the County Judge or other person authorized by the Fort Bend County Commissioners Court must sign the Contract before it becomes binding on Fort Bend County or the bidders. Department heads are not authorized to sign agreements for Fort Bend County. Binding agreements shall remain in effect until all products and/or services covered by this purchase have been satisfactorily delivered and accepted.

## **2.0 SCOPE:**

It is the intent of Fort Bend County to contract with one (1) vendor for all materials, supplies, equipment, tools, services, labor and supervision necessary to complete construction of Sycamore Road from Eaglewood Trail to Rabb Road, hereinafter referred to as the "Project," as specified herein.

## **3.0 PRE-BID CONFERENCE:**

A pre-bid conference will be conducted on **Tuesday, May 16<sup>th</sup> at 10:00AM (CST)**. The pre-bid conference will be held at the Fort Bend County Purchasing Department located in the Travis Annex at 301 Jackson, Suite 201, Richmond, Texas 77469. All bidders are encouraged to attend.

## **4.0 LIQUIDATED DAMAGES:**

If the Project is not substantially complete within the contract time as adjusted by extension of time approved by Commissioner Court, Fort Bend County will deduct (from the final payment,

as liquidated damages), the sum of five hundred (\$500.00) per calendar day that the Project remains not substantially complete, such sum is agreed upon as a reasonable and proper measure of damages which Fort Bend County will sustain per day by failure of Contractor to substantially complete work within the contract time. It is understood that said sum shall be considered as liquidated damages and shall in no sense be considered as a penalty against the Contractor.

**5.0 COMPLETION TIME AND PAYMENT:**

- 5.1 Fort Bend County shall pay the Contractor in current funds for the Contractor's performance of the Contract the contract sum, as stated herein, after receipt of notice to proceed and a purchase order issued by the Fort Bend County Purchasing Agent.
- 5.2 Based upon Applications for payment submitted to the Engineering Department, Fort Bend County shall make progress payments on account of the contract sum to the Contractor as provided below and elsewhere in the contract documents.
  - 5.2.1 The period covered by each application for payment shall be one calendar month ending on the last day of the month.
  - 5.2.2 Provided an application for payment is received by the Engineering Department not later than the 15th day of a month, Fort Bend County shall make payment to the Contractor not later than the 15th day of the next month. If an application for payment is received by the Engineering Department after the application deadline fixed above, payment shall be made by Fort Bend County not later than 30 days after the Engineering Department receives the application for payment.
  - 5.2.3 Application for payment shall indicate the percentage of completion of each portion of the Project as of the end of the period covered by the application for payment.
  - 5.2.4 Subject to the provisions of the contract documents, the amount of each progress payment shall be computed as follows:
    - 5.2.4.1 Take that portion of the contract sum properly allocable to completed Project less retainage of ten percent (10%).
    - 5.2.4.2 Add that portion of the contract sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction (or, if approved by Fort Bend County, suitably stored off the site at a location agreed upon in writing), less retainage of ten percent (10%).

5.2.4.3 Subtract the aggregate of previous payments made by Fort Bend County.

5.2.4.4 The progress payment amount as determined in above shall be further modified under the following circumstances:

Add, upon substantial completion of the Project, a sum sufficient to increase the total payments to one hundred percent (100%) of the contract sum, less such amounts as Fort Bend County shall determine for incomplete work and unsettled claims.

5.2.4.5 Final payment, constituting the entire unpaid balance of the contract sum, shall be made by Fort Bend County to the Contractor when the Contract has been fully performed by the Contractor.

5.3 Before the first application for payment, the Contractor shall submit to the Engineering Department a schedule of values allocated to various portions of the work, prepared in such form and supported by such data to substantiate its accuracy as the Engineering Department may require. This schedule, unless objected to by the Engineering Department shall be used as a basis for reviewing the Contractor's application for payment.

5.4 Contractor must provide with each application for payment a contractor's affidavit certifying bills against the Contractor for labor, material and expendable equipment employed in the performance of Contractor have been paid in full prior to acceptance of final payment from Fort Bend County.

5.5 The Contractor will permit Fort Bend County, or any duly authorized agent of Fort Bend County, to inspect and examine the books and records of the Contractor for the purpose of verifying the amount of work performed under the Contract. Fort Bend County's right to inspect survives the termination of the Contract for a period of five years.

## **6.0 LIMIT OF APPROPRIATION:**

Prior to the execution of this Contract, Contractor has been advised by County, and Contractor clearly understands and agrees, such understanding and agreement being of the absolute essence to this Contract, that County shall have available only those funds specifically allocated in this Contract to fully discharge any and all liabilities which may be incurred by County in bringing this Project to an absolute conclusion, resulting in a complete, fully furnished, fully equipped and fully usable facility, and that the total of any and all basic construction costs, costs of providing the required furnishing and equipment, all fees and compensation of any sort to the Contractor, and any and all costs for any and all things or purposes enuring under or out of this Contract, irrespective of the nature thereof, shall not exceed said specifically allocated sum, notwithstanding any word, statement or thing contained in or inferred from the preceding provision of this Contract which might in any light by any person be interpreted to the contrary.

**7.0 RIGHT TO ASSURANCE:**

Whenever Fort Bend County in good faith has reason to question the Contractor's intent to perform, Fort Bend County may demand that the Contractor give written assurance of its intent to perform. In the event that a demand is made and no assurance is given within five (5) days, Fort Bend County may treat this failure as an anticipatory repudiation of the Contract.

**8.0 PERFORMANCE AND PAYMENT BONDS:**

Performance and Payment Bonds: In the event the total accepted bid price exceeds \$25,000 the Contractor must provide to the Office of the County Purchasing Agent, a performance bond and a payment bond, each in the amount of 100% of the total contract sum within ten (10) calendar days after receipt of notification of bid award. Such bonds shall be executed by a corporate surety duly authorized and admitted to do business in the State of Texas and licensed in the State of Texas to issue surety bonds with a Best Rating of "A" or better. Fort Bend County reserves the right to accept or reject any surety company proposed by the Contractor. In the event Fort Bend County rejects, the proposed surety company, the Contractor will be afforded five (5) additional days to submit the required bonds issued by a surety company acceptable to Fort Bend County.

**9.0 POWER OF ATTORNEY:**

An attorney-in-fact who signs a bid bond, performance bond or payment bond must file with each bond a certified and effectively dated copy of his or her power of attorney.

**10.0 INSURANCE:**

- 10.1 All respondents must submit, with response, a current certificate of insurance indicating coverage in the amounts stated below. In lieu of submitting a certificate of insurance, respondents may submit, with response, a notarized statement from an Insurance company, authorized to conduct business in the State of Texas, and acceptable to Fort Bend County, guaranteeing the issuance of an insurance policy, with the coverage stated below, to the firm named therein, if successful, upon award of this Contract. Failure to provide current insurance certificate or notarized statement will result in disqualification of submittal.
- 10.2 At contract execution, contractor shall furnish County with property executed certificates of insurance which shall evidence all insurance required and provide that such insurance shall not be canceled, except on 30 days prior written notice to County. Contractor shall provide certified copies of insurance endorsements and/or policies if requested by County. Contractor shall maintain such insurance coverage from the time Services commence until Services are completed and provide replacement certificates, policies and/or endorsements for any such insurance expiring prior to completion of Services. Contractor shall obtain such insurance written on an Occurrence form (or a Claims Made form for Professional Liability insurance) from such companies having Best's rating of A/VII or better,

licensed or approved to transact business in the State of Texas, and shall obtain such insurance of the following types and minimum limits:

- 10.2.1 Workers' Compensation insurance. Substitutes to genuine Workers' Compensation Insurance will not be allowed.
- 10.2.2 Employers' Liability insurance with limits of not less than \$1,000,000 per injury by accident, \$1,000,000 per injury by disease, and \$1,000,000 per bodily injury by disease.
- 10.2.3 Commercial general liability insurance with a limit of not less than \$1,000,000 each occurrence and \$2,000,000 in the annual aggregate. Policy shall cover liability for bodily injury, personal injury, and property damage and products/completed operations arising out of the business operations of the policyholder.
- 10.2.4 Business Automobile Liability coverage with a combined Bodily Injury/Property Damage limit of not less than \$1,000,000 each accident. The policy shall cover liability arising from the operation of licensed vehicles by policyholder.
- 10.3 County and the members of Commissioners Court shall be named as additional insured to all required coverage except for Workers' Compensation and Professional Liability (if required). All Liability policies including Workers' Compensation written on behalf of contractor, excluding Professional Liability, shall contain a waiver of subrogation in favor of County and members of Commissioners Court.
- 10.4 If required coverage is written on a claims-made basis, contractor warrants that any retroactive date applicable to coverage under the policy precedes the effective date of the contract; and that continuous coverage will be maintained or an extended discovery period will be exercised for a period of two (2) years beginning from the time that work under the agreement is completed.

#### **11.0 INDEMNIFICATION:**

Respondent shall save harmless County from and against all claims, liability, and expenses, including reasonable attorney's fees, arising from activities of respondent, its agents, servants or employees, performed under this agreement that result from the negligent act, error, or omission of respondent or any of respondent's agents, servants or employees.

- 11.1 Respondent shall timely report all such matters to Fort Bend County and shall, upon the receipt of any such claim, demand, suit, action, proceeding, lien or judgment, not later than the fifteenth day of each month; provide Fort Bend County with a written report on each such matter, setting forth the status of each matter, the schedule or planned proceedings with respect to each matter and the cooperation or assistance, if any, of Fort Bend County required by Respondent in

the defense of each matter.

- 11.2 Respondent's duty to defend, indemnify and hold Fort Bend County harmless shall be absolute. It shall not abate or end by reason of the expiration or termination of any contract unless otherwise agreed by Fort Bend County in writing. The provisions of this section shall survive the termination of the contract and shall remain in full force and effect with respect to all such matters no matter when they arise.
- 11.3 In the event of any dispute between the parties as to whether a claim, demand, suit, action, proceeding, lien or judgment appears to have been caused by or appears to have arisen out of or in connection with acts or omissions of Respondent, Respondent shall never-the-less fully defend such claim, demand, suit, action, proceeding, lien or judgment until and unless there is a determination by a court of competent jurisdiction that the acts and omissions of Respondent are not at issue in the matter.
- 11.4 Respondent's indemnification shall cover, and Respondent agrees to indemnify Fort Bend County, in the event Fort Bend County is found to have been negligent for having selected Respondent to perform the work described in this request.
- 11.5 The provision by Respondent of insurance shall not limit the liability of Respondent under an agreement.
- 11.6 Respondent shall cause all trade contractors and any other contractor who may have a contract to perform construction or installation work in the area where work will be performed under this request, to agree to indemnify Fort Bend County and to hold it harmless from all claims for bodily injury and property damage that may arise from said Respondent's operations. Such provisions shall be in form satisfactory to Fort Bend County.
- 11.7 Loss Deduction Clause - Fort Bend County shall be exempt from, and in no way liable for, any sums of money which may represent a deductible in any insurance policy. The payment of deductibles shall be the sole responsibility of Respondent and/or trade contractor providing such insurance.

## **12.0 PREVAILING WAGES:**

This project is subject to the prevailing wage rate requirements of Chapter 2258 of the Government Code. The Contractor shall pay Fort Bend County sixty dollars (\$60.00) for each worker employed by the Contractor for the provision of services described herein for each calendar day or part of the day that the worker is paid less than the below stated rates. Contractors may also visit [www.wdol.gov/dba.aspx](http://www.wdol.gov/dba.aspx).

General Decision Number: TX170056 01/06/2017 TX56  
Superseded General Decision Number: TX20160056

State: Texas

Construction Type: Highway

Counties: Austin, Brazoria, Chambers, Fort Bend, Galveston, Hardin, Harris, Jefferson, Liberty, Montgomery, Orange, San Jacinto and Waller Counties in Texas.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Modification Number	Publication Date
0	01/06/2017

\* SUTX2011-013 08/10/2011

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER (Paving and Structures)	\$ 12.98	
ELECTRICIAN	\$ 27.11	
FORM BUILDER/FORM SETTER		
Paving & Curb	\$ 12.34	
Structures	\$ 12.23	
LABORER		
Asphalt Raker	\$ 12.36	
Flagger	\$ 10.33	
Laborer, Common	\$ 11.02	
Laborer, Utility	\$ 11.73	
Pipelayer	\$ 12.12	
Work Zone Barricade Servicer	\$ 11.67	
PAINTER (Structures)	\$ 18.62	

**POWER EQUIPMENT OPERATOR:**

Asphalt Distributor	\$ 14.06
Asphalt Paving Machine	\$ 14.32
Broom or Sweeper	\$ 12.68
Concrete Pavement Finishing Machine	\$ 13.07
Concrete Paving, Curing, Float, Texturing Machine	\$ 11.71
Concrete Saw	\$ 13.99
Crane, Hydraulic 80 Tons or less	\$ 13.86
Crane, Lattice boom 80 tons or less	\$ 14.97
Crane, Lattice boom over 80 Tons	\$ 15.80
Crawler Tractor	\$ 13.68
Excavator, 50,000 pounds or less	\$ 12.71
Excavator, Over 50,000 pounds	\$ 14.53
Foundation Drill, Crawler Mounted	\$ 17.43
Foundation Drill, Truck Mounted	\$ 15.89
Front End Loader 3 CY or Less	\$ 13.32
Front End Loader, Over 3 CY	\$ 13.17
Loader/Backhoe	\$ 14.29
Mechanic	\$ 16.96
Milling Machine	\$ 13.53
Motor Grader, Fine Grade	\$ 15.69
Motor Grader, Rough	\$ 14.23
Off Road Hauler	\$ 14.60
Pavement Marking Machine	\$ 11.18
Piledriver	\$ 14.95
Roller, Asphalt	\$ 11.95
Roller, Other	\$ 11.57
Scraper	\$ 13.47
Spreader Box	\$ 13.58
 Servicer	 \$ 13.97
 Steel Worker	
Reinforcing Steel	\$ 15.15
Structural Steel Welder	\$ 12.85
Structural Steel	\$ 14.39
 <b>TRUCK DRIVER</b>	
Low Boy Float	\$ 16.03
Single Axle	\$ 11.46
Single or Tandem Axle Dump	\$ 11.48
Tandem Axle Tractor w/Semi Trailer	\$ 12.27

**WELDERS** - Receive rate prescribed for craft performing operation to which welding is incidental.



Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in

the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

### **13.0 PERMITS:**

It shall be the sole responsibility of the successful bidder to obtain all required permits in the name of Fort Bend County.

### **14.0 CONTRACTOR'S RESPONSIBILITY FOR WORK:**

14.1 Preconstruction Work. Contractor shall do (or cause to be done) the following as preconstruction work:

14.1.1 On an as needed basis as determined by Fort Bend County, cause the Contractor's personnel to meet with Fort Bend County and the Engineer to discuss the status of the Project.

14.1.2 Review drawings and specifications with the Engineer to permit the Contractor and the Engineer to determine the compliance of the proposed facility with applicable building codes.

14.2 Construction Work. Contractor shall do (or cause to be done) the following as construction work:

14.2.1 Perform (or cause to be performed) all preparatory work at the construction site required herein, including (without limitation) soil and concrete testing and demolition of improvements existing at the construction site and all actions necessary for compliance with all laws and regulations as to actions to be taken by owners or contractors before

construction begins, including without limitation those in regard to archaeological and environmental requirements.

14.2.2 Construct and install (or cause to be constructed and installed) the Project on the construction site in accordance with this Contract and the drawings and specifications approved by Fort Bend County.

14.2.3 Furnish (or cause to be furnished) all materials, supplies, equipment, tools, labor, supervision, utilities, transportation, and other materials and services necessary to complete the Project described herein.

14.2.4 Materials testing necessary for the Project shall be the responsibility of Fort Bend County.

14.3 Standards for Review and Approval.

14.3.1 Fort Bend County acknowledges that in order to meet the deadlines for the completion of the Project, and in order to accomplish the efficient completion of the Project, the Contractor may submit matters to Fort Bend County in stages for approval or consent. Upon receipt of any matter submitted by the Contractor for review and approval, Fort Bend County shall review the same and shall diligently and promptly (but in any event within 14 calendar days for any such matter, other than a proposed change order, and within 28 calendar days for a proposed change order) give the Contractor notice of Fort Bend County's approval or disapproval, setting forth in detail all reasons for any disapproval. Fort Bend County's right to disapprove any such matter submitted (other than a proposed change order) shall be limited to the elements thereof (a) which do not conform substantially to matters previously approved, (b) which are new elements not previously presented and approved and the Contractor is unable to demonstrate that such new element is reasonably necessary for completion of the Project, or (c) which depict matters that are violations of this Contract or applicable laws and regulations.

14.3.2 If Fort Bend County disapproves of a particular matter or Proposed Change Order, the Contractor shall have the right to resubmit such matter or Proposed Change Order to Fort Bend County, altered to satisfy Fort Bend County's basis for disapproval. Any resubmission shall be subject to review and approval by Fort Bend County.

14.3.3 Fort Bend County and the Contractor shall attempt in good faith to resolve any disputes concerning the approval of any aspect of the Project expeditiously, so as not to delay the completion of the Project in accordance with this Contract.

14.3.4 Expedited Approvals. Fort Bend County recognizes the importance of expeditious action upon all matters submitted to Fort Bend County for

review and approval and of expeditious response to those aspects of the Project requiring approval by governmental authorities having jurisdiction there over. Fort Bend County agrees to exercise its rights of review and approval hereunder with due diligence, reasonableness, and good faith. Fort Bend County shall use its reasonable efforts to expedite any required review of the Project or other matters by any governmental authority.

14.4 Changes.

- 14.4.1 General. Fort Bend County may make changes to the Project by altering, adding to, or deducting from the Project. All changes in the Project which (a) require an adjustment in the contract sum or an adjustment in the final completion date or (b) involve a material change in the overall scope or function of the Project shall be requested and authorized before commencing such changes by use of written change order notices, Proposed Change Orders and Change Orders, which change order procedure shall be the exclusive means to effect such changes in the Project.
- 14.4.2 Change Order Procedure. If at any time Fort Bend County desires to make any change in the Project requiring the issuance of a Change Order, Fort Bend County shall so advise the Contractor in writing by delivery to the Contractor of a written notice describing the change. Upon receipt of such notice initiated by Fort Bend County, the Contractor shall within a reasonable period of time advise Fort Bend County of the Contractor's proposal for the adjustments, if any, in the contract sum, the schedule of values, and the final completion date attributable to such change by delivering a written notice thereof (the "Proposed Change Order") to Fort Bend County. Such Proposed Change Order shall contain a description of the proposed change and shall set forth the Contractor's estimate of the increase or decrease, if any, in the contract sum and the change, if any, in the schedule of values and the final completion date attributable to such change. If the Contractor desires to make a change in the Project requiring the issuance of a change order, the Contractor shall deliver to Fort Bend County a Proposed Change Order. Upon execution by Fort Bend County, a Proposed Change Order shall constitute (and be defined herein as) a "Change Order" for purposes of this Contract. The Contractor shall forthwith perform the work as changed in accordance with such Change Order. All work performed pursuant to a Change Order shall be performed in accordance with the terms of this Contract. All Proposed Change Orders shall be submitted for approval by Fort Bend County. No action, acquiescence or inaction by Fort Bend County or any representative of Fort Bend County shall be construed to be a waiver of requirements set forth in this Contract in regard to Change Orders or ratification of a violation of such requirements, and all acts in violation of this provision shall be considered void.

- 14.4.3 Change Order Authorization. Each Change Order shall be signed by Fort Bend County and an authorized representative of the Contractor.
- 14.4.4 Contract Sum Adjustments. The contract sum and the schedule of values shall be adjusted only as a result of a Change Order requiring such adjustment. Any extra work performed without a proper Change Order shall be considered voluntary and not subject to additional compensation. The Contractor shall not be entitled to an adjustment in the contract sum (or a Change Order permitting such adjustment) or to damages as a result of any delays in the Project caused by the acts or omissions of Fort Bend County, provided that this sentence is not applicable to delays that constitute more than 90 days in any 365-day period or cause the Project to be interrupted for a continuous period of 45 days through no fault of the Contractor.
- 14.4.5 When Fort Bend County and the Contractor agree upon the adjustments in the contract sum, the schedule of values, and the final completion date attributable to such adjustment, such agreement will be documented by preparation and if approved by the Fort Bend County Commissioners Court, execution of an appropriate Change Order.
- 14.5 Site Access. Prior to the transfer date, Fort Bend County and the Contractor shall have uninterrupted access to the construction site. Subsequent to the transfer date, Fort Bend County will permit the Contractor, the Engineer, and their representatives and subcontractors to enter upon the Project at times reasonably necessary to complete the punch list items.
- 14.6 Applicable Laws and Regulations. Contractor shall in its performance of the Project comply with all applicable laws and regulations. Any delays in the prosecution of the Project caused by any changes in the laws and regulations or the application or enforcement of the laws and regulations may entitle the Contractor to an extension of time.
- 14.7 Familiarity with Project. The Contractor represents and accepts that it has: (a) visited the property(ies), (b) taken such other steps as may be necessary to ascertain the nature and location of the Project and the general and local conditions which affect the Project or the cost thereof, (c) investigated the labor situation as regards to the Project, (d) examined the property(ies), the obstacles which may be encountered and all other observable conditions having a bearing upon the performance of the Project, the superintendence of the Project, the time of completion and all other relevant matters, and (e) reported to Fort Bend County the results of all of the foregoing. The Contractor represents that it is familiar with all phases of the Project and the matters that may affect the Project or its prosecution under this Contract.

- 14.8 Standard of Performance. The Contractor shall prosecute (or cause to be prosecuted) the Project in accordance with the best efforts for the construction and development of projects similar to the Project in the State of Texas, using qualified, careful, and efficient contractors and workers and in conformity with the provisions of this Contract. The Contractor shall perform the work in a good and workmanlike manner.
- 14.9 Warranty of Contractor. The Contractor warrants to Fort Bend County that: (i) the Contractor possesses the skill and knowledge ordinarily possessed by well-informed members of its trade or profession and the Contractor will use its best efforts to ensure that the services provided under this Contract will be performed, delivered, and conducted in accordance with the best professional standards and in accordance with industry standards, and (ii) the Contractor is fully experienced and properly qualified to perform the class of work provided for herein, and that it is properly equipped, organized and financed to perform such work, and (iii) following the date of acceptance of this Contract, the services provided by the Contractor to Fort Bend County will conform to the representations contained in this Contract, including all attachments, schedules and exhibits. All warranties provided by the Contractor in this Contract shall be cumulative, shall be deemed consistent and not in conflict, are intended to be given full force and effect and to be interpreted expansively to give the broadest warranty protection to Fort Bend County.
- 14.10 Contractor's Personnel. Contractor shall employ only competent, skilled personnel for the Project. Prior to the final completion date, the Contractor shall maintain a superintendent who shall be authorized to act on behalf of the Contractor and with whom Fort Bend County may consult at all reasonable times. The superintendent shall not be transferred from the Project without Fort Bend County's consent (which shall not be unreasonably withheld or delayed); provided, however, the superintendent shall not be assigned solely to the Project and shall be entitled to spend reasonable time working on matters unrelated to the Project so long as such work on other matters does not render the superintendent unavailable to the Project or unavailable to Fort Bend County. However, such obligation to furnish the superintendent and such staff personnel shall not be construed (a) to preclude the promotion within the Contractor's organization of any person assigned to the Project or (b) to give rise to any liability of the Contractor if any person assigned to the Project (including, without limitation, the superintendent) leaves the Contractor's employment. If the superintendent is transferred from the Project, Fort Bend County shall have the right to approve the replacement superintendent (which approval will not be unreasonably withheld or delayed). The Contractor, the Architect, and the other subcontractors shall comply with all applicable health, safety, and loss prevention rules of applicable governmental authorities. The Contractor shall, at its own expense, remove from the Project any person who fails to comply with such rules and instructions. The Contractor shall at all times enforce strict discipline and good order among its employees and shall not employ on the Project any unfit person or anyone not skilled in the work assigned to him.

Fort Bend County may, upon written notice to the Contractor, require the Contractor to remove an individual immediately from providing services for the following reasons: violation of the terms and conditions of this Contract; violation of Fort Bend County's or the Contractor's work rules and regulations; criminal activity; or violation of state, federal, or municipal statutes. Fort Bend County may, upon thirty (30) days written notice to the Contractor, require the removal of any individual from providing services without cause.

- 14.11 Inspection. The Project and all parts thereof shall be subject to inspection from time to time by inspectors designated by Fort Bend County. No such inspections shall relieve The Contractor of any of its obligations hereunder. Neither failure to inspect nor failure to discover or reject any of the work as not in accordance with the drawings and specifications or any provision of this Contract shall be construed to imply an acceptance of such work or to relieve the Contractor of any of its obligations hereunder. Fort Bend County agrees that its right of inspection shall be used reasonably and in a timely manner so as not to delay orderly completion of the Project.
- 14.12 Protection Against Risks. The Contractor shall take all precautions which are necessary and adequate, against conditions created during the progress of the Project which involve a risk of bodily harm to persons or a risk of damage or loss to any property. The Contractor shall regularly inspect all work, materials and equipment to discover and determine any such conditions and shall be responsible for discovery, determination, and correction of any such conditions. The Contractor shall comply with all federal, state, and local occupational hazard and safety standards, codes and regulations applicable in the jurisdiction where the Project is being performed. The Contractor shall include the substance of this clause in its entirety in all subcontracts for any work to be performed at the construction site.
- 14.13 Equipment. Except as expressly provided herein to the contrary, the Contractor shall furnish (or cause to be furnished) all construction, transportation, installation, tools, and other equipment and facilities required for the performance of the Project within the times specified herein. Such equipment and facilities shall be serviceable and kept fit for the uses intended. Defective items shall be removed from the construction site promptly and at the Contractor's cost. The Contractor shall schedule (or cause to be scheduled) its other operations so as to not interfere with its duty to timely furnish the necessary equipment and facilities and personnel to operate the same at the times necessary for the orderly completion of the Project.
- 14.14 Materials. Except as may be specifically provided otherwise in the Contract or approved in advance by Fort Bend County, the Contractor shall provide Fort Bend County with copies of material testing reports and to cause all materials, equipment, and fabricated items incorporated in the Project to be new and of a suitable grade of their respective kinds for their intended use.



**15.0 TERMINATION:**

15.1 Fort Bend County may terminate the Contract if the Contractor:

15.1.1 Persistently or repeatedly refuses or fails to supply enough properly skilled workers or proper materials.

15.1.2 Fails to make payment to Subcontractors for materials or labor in accordance with the respective agreements between the Contractor and the Subcontractor.

15.1.3 Persistently disregards laws, ordinances, or rules, regulations or orders of a public authority having jurisdiction.

15.1.4 Otherwise is guilty of substantial breach of a provision of the Contract Documents.

15.2 When any of the above reasons exists, Fort Bend County may, without prejudice to any other rights or remedies of Fort Bend County and after giving the Contractor and the Contractor's surety, if any, seven days' written notice, terminate employment of the Contractor and may, subject to any prior rights of the surety:

15.2.1 Take possession of the site and of all materials, equipment, tools, and construction equipment and machinery thereon owned by the Contractor.

15.2.2 Finish the Project by whatever reasonable method Fort Bend County may deem expedient.

15.3 Either party may terminate this Contract at any time by providing thirty (30) days written notice.

15.4 When Fort Bend County terminates the Contract for one of the reasons stated in this section, the Contractor shall not be entitled to receive further payment until the Project is finished. Therefore, the Contractor shall be promptly paid for all work actually and satisfactorily completed.

**16.0 COMPLETION, TRANSFER, AND ACCEPTANCE:**

16.1 Final Completion. Upon the occurrence of the final completion date, the punch list items shall be promptly commenced and thereafter completed within thirty (30) days after final completion.

- 16.2 Transfer and Acceptance. Upon the occurrence of final completion, care, custody and control of the Project shall pass to Fort Bend County. As referenced herein, the "Transfer Date" shall mean the date on which the care, custody and control of the Project passes to Fort Bend County. Subsequent to the Transfer Date all risk of loss with respect to the Project shall be by Fort Bend County and the Contractor shall be thereafter obligated to cover the Project with their Insurance.

**17.0 SUSPENSION BY FORT BEND COUNTY FOR CONVENIENCE:**

- 17.1 Fort Bend County may, without cause, order the Contractor in writing to suspend, delay or interrupt the Project in whole or in part for such period of time as Fort Bend County may determine.
- 17.2 An adjustment shall be made for increase in the cost of performance, caused by suspension, delay or interruption. No adjustment shall be made to the extent:
- 17.2.1 That performance is, was or would have been so suspended, delayed or interrupted by another cause for which the Contractor is responsible.
- 17.2.2 That an equitable adjustment is made or denied under another provision of this Contract.
- 17.3 Adjustments made in the cost of performance may have a mutually agreed fixed or percentage fee.

**18.0 INDEPENDENT CONTRACTOR:**

The Contractor shall be an independent contractor and any provisions of this Contract that may appear to give Fort Bend County the right to direct the Contractor as to the details of the manner of doing the Project shall be deemed to mean that the Contractor shall follow the desires of Fort Bend County in the results of the Project only and not in the means whereby the Project is to be accomplished. The Contractor shall be responsible as to the details of completing the Project. Neither the agents, representatives, nor employees of the Contractor, shall be deemed to be the agents, representatives, or employees of Fort Bend County. The Contractor further represents that it accepts a fiduciary role and responsibility with respect to Fort Bend County and will, to its best abilities, act in the best interests of Fort Bend County and the timely completion of the Project. The Contractor agrees and understands that neither it nor any of its agents or employees may act in the name of Fort Bend County except and unless specifically authorized in writing by Fort Bend County to do so. The Contractor shall furnish construction administration and management services and use the Contractor's best efforts to complete the Project in an expeditious and economical manner consistent with the interests of Fort Bend County.

**19.0 NOTICE**

- 19.1 All written notices, demands, and other papers or documents to be delivered to Fort Bend County under this Contract shall be delivered to the Engineering

Department, 301 Jackson, Richmond, Texas 77469, or at such other place or places as Fort Bend County may from time to time designate by written notice delivered to the Contractor. For purposes of notice under this Contract, a copy of any notice or communication hereunder shall also be forwarded to the following address: Fort Bend County, 301 Jackson Street, Suite 719, Richmond, Texas 77469, Attention: County Judge.

- 19.2 All written notices, demands, and other papers or documents to be delivered to the Contractor under this Contract shall be delivered to the Authorized Representative identified in the Contract documents or such other place or places as the Contractor may designate by written notice delivered to Fort Bend County.

**20.0 RECORDS:**

- 20.1 Fort Bend County shall be the absolute and unqualified owner of all drawings, preliminary layouts, record drawings, sketches and other documents prepared pursuant to the Contract by Contractor.
- 20.2 The Contractor agrees to maintain and preserve for a period of at least five years after the earlier of the expiration of the defects period or termination of this Contract, accurate and complete records relating to the performance of the Project. The Contractor agrees to, upon request, provide Fort Bend County with such records.

**21.0 SUCCESSORS AND ASSIGNS:**

- 21.1 Fort Bend County and the Contractor bind themselves and their successors, executors, administrators and assigns to the other party of this Contract and to the successors, executors, administrators and assigns of such other party, in respect to all covenants of this Contract.
- 21.2 Neither Fort Bend County nor the Contractor shall assign, sublet or transfer its interest in this Contract without the prior written consent of the other.
- 21.3 Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of any public and/or governmental body that may be a party hereto.

**22.0 PUBLIC CONTACT:**

Contact with the news media, citizens of Fort Bend County or governmental agencies shall be the sole responsibility of Fort Bend County. Under no circumstances, whatsoever, shall Contractor release any material or information developed in the performance of its services hereunder without the express written permission of Fort Bend County, except where required to do so by law.

**23.0 MODIFICATIONS:**

This instrument contains the entire Contract between the parties relating to the rights herein granted and obligations herein assumed. Any oral or written representations or modifications concerning this instrument shall be of no force and effect excepting a subsequent written modification signed by both parties hereto.

**24.0 SILENCE OF SPECIFICATIONS:**

The apparent silence of specifications as to any detail, or the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best commercial practice is to prevail and that only material and workmanship of the finest quality are to be used. All interpretations of specifications shall be made on the basis of this statement. The items furnished under this contract shall be new, unused of the latest product in production to commercial trade and shall be of the highest quality as to materials used and workmanship. Manufacturer furnishing these items shall be experienced in design and construction of such items and shall be an established supplier of the item bid.

**25.0 SEVERABILITY:**

In the event one or more of the provisions contained in these requirements or the specifications shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision hereof and these requirements or the specifications shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

**26.0 GOVERNING FORMS:**

In the event of any conflict between the terms and provisions of these requirements and the specifications, the specifications shall govern. In the event of any conflict of interpretation of any part of this overall document, Fort Bend County's interpretation shall govern.

**27.0 TAX EXEMPT:**

Fort Bend County is exempt from state and local sales and use taxes under Section 151.309 of the Texas Tax Code. This Contract is deemed to be a separate contract for Texas tax purposes, and as such, Fort Bend County hereby issues its Texas Exemption for the purchase of any items qualifying for exemption under this Contract. Contractor is to issue its Texas Resale Certificate to vendors and subcontractors for such items qualifying for this exemption, and further, contractor should state these items at cost.

**28.0 ENTIRE AGREEMENT:**

The Parties agree that this Contract contains all of the terms and conditions of the understanding of the parties relating to the subject matter hereof. All prior negotiations, discussions, correspondence and preliminary understandings between the parties and others relating hereto

are superseded by this Contract. By entering into this Contract, the parties do not intend to create any obligations, express or implied, other than those specifically set out in this Contract.

**29.0 APPLICABLE LAW AND VENUE**

This Contract shall be construed under and in accord with the laws of the State of Texas, and all obligations of the parties created hereunder are performable in Fort Bend County, Texas, and that venue for any litigation arising out of or related to this Contract shall lie solely in the court of appropriate jurisdiction located in Fort Bend County, Texas.

**30.0 ENCLOSURE:**

The following being incorporated herein by reference for all purposes as though fully set forth herein word for word.

Enclosure #1 – Specifications and Plans

**31.0 PRICING:** Complete unit pricing form.

**32.0 PROJECT DURATION:**

Bidder agrees, if awarded the contract, to complete all work required by the contract documents within 150 calendar days (maximum of 183 calendar days) after issuance of a purchase order by the County Purchasing Agent and notice to proceed by the Engineering Department.

**33.0 AWARD:**

This contract will be awarded to the lowest and best bid.

**34.0 TEXAS ETHICS COMMISSION FORM 1295:**

34.1 Effective January 1, 2016 all contracts executed by Commissioners Court, regardless of the dollar amount, will require completion of Form 1295 "Certificate of Interested Parties", per the new Government Code Statute §2252.908. All vendors submitting a response to a formal Bid, RFP, SOQ or any contracts, contract amendments, renewals or change orders are required to complete the Form 1295 online through the State of Texas Ethics Commission website. Please visit:

[https://www.ethics.state.tx.us/whatsnew/elf\\_info\\_form1295.htm](https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm).

34.2 On-line instructions:

34.2.1 Name of governmental entity is to read Fort Bend County

34.2.2 Identification number used by the governmental entity is: B17-076

34.2.3 Description is the title of the solicitation: Sycamore Road from Eaglewood Trail to Rabb Road.

34.3 Apparent low bidder(s) will be required to provide the Form 1295 within three (3) calendar days from notification. In the event the vendor does not provide the document in the stated time period the vendor's response will be marked as disqualified and the next low bidder will be contacted

**35.0 ADDITIONAL REQUIRED FORMS:**

All vendors submitting are required to complete the attached and return with submission:

35.1 Vendor Form

35.2 W9 Form

35.3 Tax Form/Debt/Residence Certification

35.4 Contractor Acknowledgement of Stormwater Management Program

Contract Sheet  
Bid 17-076

THE STATE OF TEXAS  
COUNTY OF FORT BEND

This memorandum of agreement made and entered into on the 13<sup>th</sup> day of June, 2017, by and between Fort Bend County in the State of Texas (hereinafter designated County), acting herein by County Judge Robert Hebert, by virtue of an order of Fort Bend County Commissioners Court, and Durwood Greene Construction Co. (hereinafter designated Contractor).

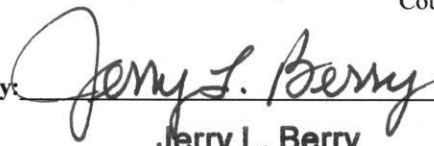
WITNESSETH:

The Contractor and the County agree that the bid and specifications for the **Construction of Sycamore Road from Eaglewood Trail to Rabb Road** which are hereto attached and made a part hereof, together with this instrument and the bond (when required) shall constitute the full agreement and contract between parties and for furnishing the items set out and described; the County agrees to pay the prices stipulated in the accepted bid.

It is further agreed that this contract shall not become binding or effective until signed by the parties hereto and a purchase order authorizing the items desired has been issued.

Executed at Richmond, Texas this 13 day of June, 2017.

By:  Fort Bend County, Texas  
County Judge, **Robert Hebert**

By:   
**Jerry L. Berry**  
Vice President

By: \_\_\_\_\_  
Printed Name and Title

## **SCOPE OF WORK**

### **SYCAMORE ROAD – FROM EAGLEWOOD TRAIL TO RABB ROAD**

This project consists of reconstruction of approximately 1,200 feet of Sycamore Road between the eastern driveway of Fort Bend MUD 23's M.R Massey Building (located at 1570 Rabb Road) and just west of Eaglewood Trail Drive. Two 12-foot lanes, with 12-foot shoulders and ditches are proposed within 120-foot right-of-way. Eight (8) inch black base with three (3) inch asphalt surface is proposed. The roadway shall transition down to tie back to existing section at the two ends of the project. The intersection with Teal Estates Boulevard is modified to have Teal Estates extend and terminate at the new alignment.

Improvements include asphalt concrete pavement with ditches, pipe culvert, compacted fill, roadway excavation and, finish grading and seeding. This project also includes installation and maintenance of a storm water pollution prevention plan, traffic handling and control in accordance with Texas Manual on Uniform Traffic Control Devices. Also included in this project is permanent pavement marking and signing.

Utility relocations will be required and will be done by others.

The above description of the scope of work is general in nature and is only intended to provide an overview of the project. The complete detailed scope of work and bid items are contained in the plans and specifications.



## NOTICE OF SPECIFICATIONS

For the construction of this project, the Contractor shall use the attached Special Provisions, Special Specifications, and the Specification Book - SPECIFICATIONS FOR THE CONSTRUCTION OF ROADS AND BRIDGES WITHIN HARRIS COUNTY, TEXAS, dated April 1988, with revisions through June 1, 2015.

The current specifications may be found at the Harris County Engineering Department (HCED) website [www.eng.hctx.net](http://www.eng.hctx.net).

When applicable, the Contractor shall use the Harris County Flood Control District (HCFCD) 2005 Standard Specifications Book. The current HCFCD specifications may be found at the HCFCD website: [https://www.hcfcd.org/media/1311/hcfcd\\_2005\\_specifications.pdf](https://www.hcfcd.org/media/1311/hcfcd_2005_specifications.pdf).

When applicable, the Contractor shall also use the Texas Department of Transportation (TxDOT) 2004 Standard Specifications Book. The current TxDOT specifications may be found at the TxDOT website <http://www.dot.state.tx.us/business/specifications.htm>.

When applicable, the Contractor shall also use the City of Houston's Standard Specifications. The current specifications may be found at the City of Houston website <http://edocs.publicworks.houstontx.gov/engineering-and-construction/specifications.html>

**SYCAMORE ROAD  
FROM EAGLEWOOD TRAIL TO RABB ROAD**

**SYCAMORE ROAD - SPECIFICATION LIST**

ITEM NO.	HARRIS COUNTY SPECIFICATION ITEM	ITEM DESCRIPTION
1	DWG	PLACE, MAINTAIN AND REMOVE PROJECT SIGN
2	102 (104, 200, 495, 501, 560)	CLEARING AND GRUBBING
3	110 (130, 132, 200, 205, 560)	ROADWAY EXCAVATION
4	130 (110, 120, 132, 205, 441)	BORROW
5	162 (166, 725)	SODDING FOR EROSION CONTROL AND STABILIZATION
6	165 (166, 725)	HYDROMULCH SEEDING
7	220 (130, 205, 221, 310)	LIME STABILIZED SUBGRADE
8	221	HYDRATED LIME AND LIME SLURRY
9	250 (340, 520)	HOT MIX ASPHALTIC CONCRETE BASE COURSE (BLACK BASE)
10	340 (520)	HOT MIX-HOT LAID ASPHALTIC CONCRETE
11	460 (430, 431, 432, 436)	REINFORCED CONCRETE PIPE
12	463 (400, 420, 421, 424, 430, 433, 440, 460, 461, 480, 491, 495)	SAFETY END TREATMENT
13	530 (110, 132, 360, 400, 402, 440, 526, 531)	CONCRETE CURB, CONCRETE CURB AND GUTTER, SIDEWALKS AND DRIVEWAYS
14	540	REMOVING AND DISPOSING OF EXISTING ASPHALTIC SURFACE AND BASE MATERIAL
15	624 (649, 671)	ALUMINUM SIGNS
16	660 (661, 662, 665, 669, 674)	REFLECTORIZED PAVEMENT MARKINGS
17	663 (665, 669)	TRAFFIC BUTTONS AND PAVEMENT MARKERS
18	671 (624, 649, 665, 670, 672, 673, 696, 698)	TRAFFIC CONTROL
19	700	NOTICE OF INTENT (NOI)
20	713 (751)	REINFORCED FILTER FABRIC BARRIER
21	724 (751)	STABILIZED CONSTRUCTION ACCESS
22	750 (741, 751)	ROCK FILTER DAMS
23	751 (162, 165, 713, 719, 724, 725, 730, 741)	SWPPP INSPECTION AND MAINTENANCE

**FINAL  
GEOTECHNICAL INVESTIGATION  
RECONSTRUCTION OF SYCAMORE ROAD  
FORT BEND COUNTY, TEXAS**

**SUBMITTED TO  
EPIC TRANSPORTATION GROUP, LP  
800 WILCREST DRIVE, SUITE 240  
HOUSTON, TEXAS 77042**

**BY  
HVJ ASSOCIATES, INC.  
HOUSTON, TEXAS  
SEPTEMBER 8, 2015**

**REPORT NO. HG1316861  
KEY MAP NOS. 611 B, X**



Houston | 6120 S. Dairy Ashford Rd.  
Austin | Houston, TX 77072-1010  
Dallas | 281.933.7388 Ph  
San Antonio | 281.933.7293 Fax  
www.hvj.com

September 8, 2015

Mr. Harish Narayanappa, PE, PTOE  
President  
EPIC Transportation Group, LP  
800 Wilcrest Drive, Suite 240  
Houston, Texas 77042

Re: Geotechnical Investigation  
Reconstruction of Sycamore Road  
Fort Bend County, Texas  
Owner: Fort Bend County, Precinct 1  
HVJ Report No.: HG1316861

Dear Mr. Narayanappa:

Submitted herein is the draft report of our geotechnical investigation for the above referenced project. The study was conducted in general accordance with our proposal number HG1316861 dated November 14, 2014 (revised on February 16, 2015) and is subject to the limitations presented in this report.

We appreciate the opportunity of working with you on this project. Please read the entire report and notify us if there are questions concerning this report or if we may be of further assistance.

Sincerely,

**HVJ ASSOCIATES, INC.**

Texas Firm Registration No. F-000646

A handwritten signature in cursive script, appearing to read 'Muhammad Mustafa'.

Muhammad Mustafa, P.E.  
Senior Engineer



Date: 9/8/2015

A handwritten signature in cursive script, appearing to read 'Anil Raavi'.

Anil Raavi, EIT  
Staff Engineer

Copies submitted: 2

The seal appearing on this document was authorized by Muhammad Mustafa, PE 73803 on September 8, 2015. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

- Main Text – 10 pages
- Appendix A – 5 pages
- Plates – 5 pages
- Appendix B – 2 pages

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## APPENDICES

	<u>Appendix</u>
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SUMMARY OF LABORATORY TEST RESULTS .....	B

## 1 EXECUTIVE SUMMARY

HVJ Associates, Inc. was retained by EPIC Transportation Group, LP to perform a geotechnical investigation for the proposed Sycamore Road reconstruction between existing Sycamore Road and Rabb Road in Fort Bend County, Texas. The proposed pavement will be a 2-lane undivided asphalt road with drainage ditches. The length of the project alignment is about 1,300 feet. A site vicinity map showing the approximate project location is presented on Plate 1 of the report. The purpose of this project is to perform subsurface soils investigation and providing recommendations for pavement subgrade preparation.

We performed three soils borings to a depth of 10 feet below the existing grade. Based on the subsurface conditions revealed by the soil borings, the findings and recommendations of this report are summarized below:

1. Stiff to very stiff fat clay with sand was observed over the entire depth of boring B-1 whereas borings B-2 and B-3 encountered firm to very stiff lean clay with varying amounts of sand. Details of the subsurface stratigraphy encountered in the borings are shown in Table 5-1 and on the boring logs presented in Appendix A.
2. A review of surface faults was conducted from geologic literature and available in-house records. Based on the Bureau of Economic Geology, University of Texas at Austin, Geologic Atlas of Texas Houston Sheet, Paul Weaver Memorial Edition (revised 1982), the project site is not located near any documented fault we are aware of. Faulting is not anticipated to impact the project site. A detailed fault assessment is not within the scope of this study.
3. Groundwater was not encountered in any of the borings during drilling operations.
4. Recommendations for the pavement subgrade preparation are provided in Section 6 of this report.

Please note that this executive summary does not fully relate our findings and opinions. Those findings and opinions are only presented through our full report.

## **2 INTRODUCTION**

### **2.1 Project Description**

HVJ Associates, Inc. was retained by EPIC Transportation Group, LP to perform a geotechnical investigation for the proposed Sycamore Road reconstruction between existing Sycamore Road and Rabb Road in Fort Bend County, Texas. We understand that the length of the project alignment is about 1,300 feet. Our scope of work is limited in performing subsurface soils investigation and providing a data report with our field and laboratory test results. A site vicinity map showing the approximate project location is presented on Plate 1 of the report.

### **2.2 Geotechnical Investigation Program**

The objectives of this study were to investigate subsurface conditions at the site. The objectives were accomplished by:

- Drilling three (3) soil borings to a depth of 10 feet below existing grade to determine soil stratigraphy and to obtain samples for laboratory testing,
- Performing laboratory tests to determine physical and engineering characteristics of the soils,
- Preparing a data report to present the finding of our field investigation and laboratory testing,
- Providing general earthwork recommendations for pavement construction.

Subsequent sections of this report contain descriptions of the field exploration, laboratory-testing program, general subsurface conditions, laboratory test results, and general earthwork recommendations.

## **3 FIELD INVESTIGATION**

### **3.1 Geotechnical Borings**

The field exploration program undertaken at the project site was performed on July 1, 2015. Subsurface conditions were investigated by drilling three soil borings to a depth of 10 feet below the existing grade. The pavement was cored at two borehole locations, B-1 and B-3 and the pavement thickness information was obtained. The borings were spaced about 500 feet apart.

All boreholes were backfilled with soil cuttings and bentonite chips. Borings on existing pavement were be backfilled with soil cuttings and bentonite chips up to one foot, and then they were plugged with high strength non-shrink grout at the surface. Approximate boring locations are presented on Plate 2. The soil borings were drilled using all-terrain vehicle mounted with drilling equipment using dry auger technique.

### **3.2 Survey Data**

Survey information such as northing, easting, elevation, station and offset of boreholes was not available to us at the time of preparing this draft report. This information will be appended in our final report upon receipt of the information from EPIC Transportation Group.



### 3.3 Sampling Methods

Soil samples were obtained continuously to the termination depth of the borings. Cohesive soil samples were obtained with a three-inch thin-walled (Shelby) tube sampler in general accordance with the ASTM D-1587 standard. Each sample was removed from the sampler in the field, carefully examined, and then classified. The shear strength of the cohesive soils was estimated by a hand penetrometer in the field. Cohesionless soils were sampled with the split-spoon sampler in accordance with the ASTM D 1586 standard. Suitable portions of each sample were sealed and packaged for transportation to our laboratory.

Detailed descriptions of the soils encountered in the borings are given on the boring logs presented in Appendix A, which also contains a key to the soils classification and symbols used on the boring logs.

### 3.4 Groundwater Conditions

Groundwater was not encountered in any of the borings during drilling operations.

## 4 LABORATORY TESTING

### 4.1 General

Selected soil samples were tested in the laboratory to determine applicable physical and engineering properties. All tests were performed according to the relevant ASTM Standards. These tests consisted of moisture content measurement, pocket penetrometer, percent passing No. 200 sieve, Atterberg limits, unconfined compression and unit dry weight tests.

The Atterberg Limits and percent passing No. 200 sieve tests were utilized to verify field classification by the Unified Soils Classification System, and the unconfined compression tests was performed to obtain the undrained shear strength of the soil. The type and number of tests performed for this investigation are summarized below:

**Table 4-1 Type and Number of Tests Performed**

Type of Test	Number of Tests
Moisture Content (ASTM D2216)	10
Atterberg Limits (ASTM D4318)	6
Percent Passing No. 200 Sieve (ASTM D1140)	3
Pocket Penetrometer	14
Unconfined Compression (UC) (ASTM D 2166)	3
Unit Dry Weight (ASTM D 2166)	3

The laboratory test results are presented on the boring logs in Appendix A. The conversion between pocket penetrometer readings obtained in the field to the shear strength parameters presented in the borings logs were obtained using a conversion factor of 1/3. A summary of laboratory test results is provided in Appendix B.

## 5 SITE CHARACTERIZATION

### 5.1 General Geology

There are two major surface geological formations that exist in the area: the Beaumont formation and the Lissie formation. The Beaumont formation is a relatively younger formation generally found to the southeast of the Lissie formation. The Beaumont formation dips southeastward and extends

beneath beach sand and waters of the Gulf of Mexico as far as the continental shelf. The project site is located in an area where the Beaumont formation is typically encountered. A geologic map is presented on Plate 3.

The Beaumont formation was deposited on land near sea level in flat river deltas and in inter-delta regions. Soil deposition occurred in fresh water streams and in flood plains (as backwater marsh and natural levees). The courses of major streams and deltaic tributaries changed frequently during the period of deposition, generating within the Beaumont clay a complex stratification of sand, silt and clay deposits. Frequently, stream courses were diverted significant distances from a given point in a backwater marsh, and the water overlying the soil would evaporate since it was cut off from a drainage path. Such water, which would be highly alkaline, would precipitate large nodules of calcium carbonate (calcareous nodules) throughout the surface of evaporation. With the coming of the Second Wisconsin Ice Age, the nearby sea withdrew, leaving the formation several hundred feet above sea level and permitting the soil to desiccate. The process of desiccation compressed the clays in the formation such that they became significantly overconsolidated to a large depth. In addition to pre-consolidating the soil, the process of desiccation, together with the later re-wetting, produced a network of fissures and slickensides that are now closed but which represent potential planes of weakness in the soil.

## **5.2 Geologic Faulting**

The tectonic history of the Texas Gulf Coast includes a relatively stable depositional cycle since the Cretaceous Period (about 65 million years). During this period the area was subjected to deposition of clays, silts, and sands resulting in over 30 thousand feet of sedimentary rocks. Underlying this clastic sequence are salt formations, which have migrated upwards to produce the typical salt dome features associated with the Texas Gulf Coast. In conjunction with salt movement, dewatering and compaction of some of the deeper sediments in the basin have resulted in the development of growth faults.

A review of surface faults was conducted from geologic literature and available in-house records. Based on the Bureau of Economic Geology, University of Texas at Austin, Geologic Atlas of Texas Houston Sheet, Paul Weaver Memorial Edition (revised 1982), the project site is not located near any geologic fault that we are aware of. Faulting is not anticipated to impact the project site. A detailed fault study is not within the scope of this study. A fault map showing the nearest mapped fault to the project site is presented on Plate 4.

## **5.3 Soil Stratigraphy**

Our interpretation of soil and groundwater conditions at the project site is based on information obtained at the boring locations only. This information has been used as the basis for our conclusions and recommendations. Significant variations at areas not explored by the project boring may require re-evaluation of our findings and conclusions. Soil stratigraphy encountered at boring locations is detailed in the Table 5-1. Ferrous stains were observed at some of the borings. The pavement thickness information is also summarized in the Table 5-1.

**Table 5-1 – Soil Profile and Pavement Thickness**

Boring	Pavement	Approximate Depth, Feet	
		Lean Clay <sup>1</sup>	Fat Clay <sup>2</sup>
B-1	5" Asphaltic Concrete, 10" Limestone Base	--	1.25-10
B-2	NA	0-10	--
B-3	4" Asphaltic Concrete, 14" Sand with Limestone	1.5-10	--

NA – Not Applicable, 1 – Firm to very stiff, 2 – Stiff to very stiff.

Details of the subsurface stratigraphy at specific depths encountered in the borings are also shown on the boring logs presented in Appendix A.

## **6 PREPARATION OF SUBGRADE**

The surficial soils underlying the existing pavement consist of lean and fat clays. We recommend stabilizing the top 8 inches of subgrade soil beneath the proposed pavement with lime. Stabilization of the subgrade will increase the modulus of subgrade reaction and provide subgrade stability for construction during inclement weather. Subgrade stabilization will enhance long-term pavement performance by reducing the tendency of the soil to displace from beneath pavement by pumping. We recommend the following procedures for subgrade preparation.

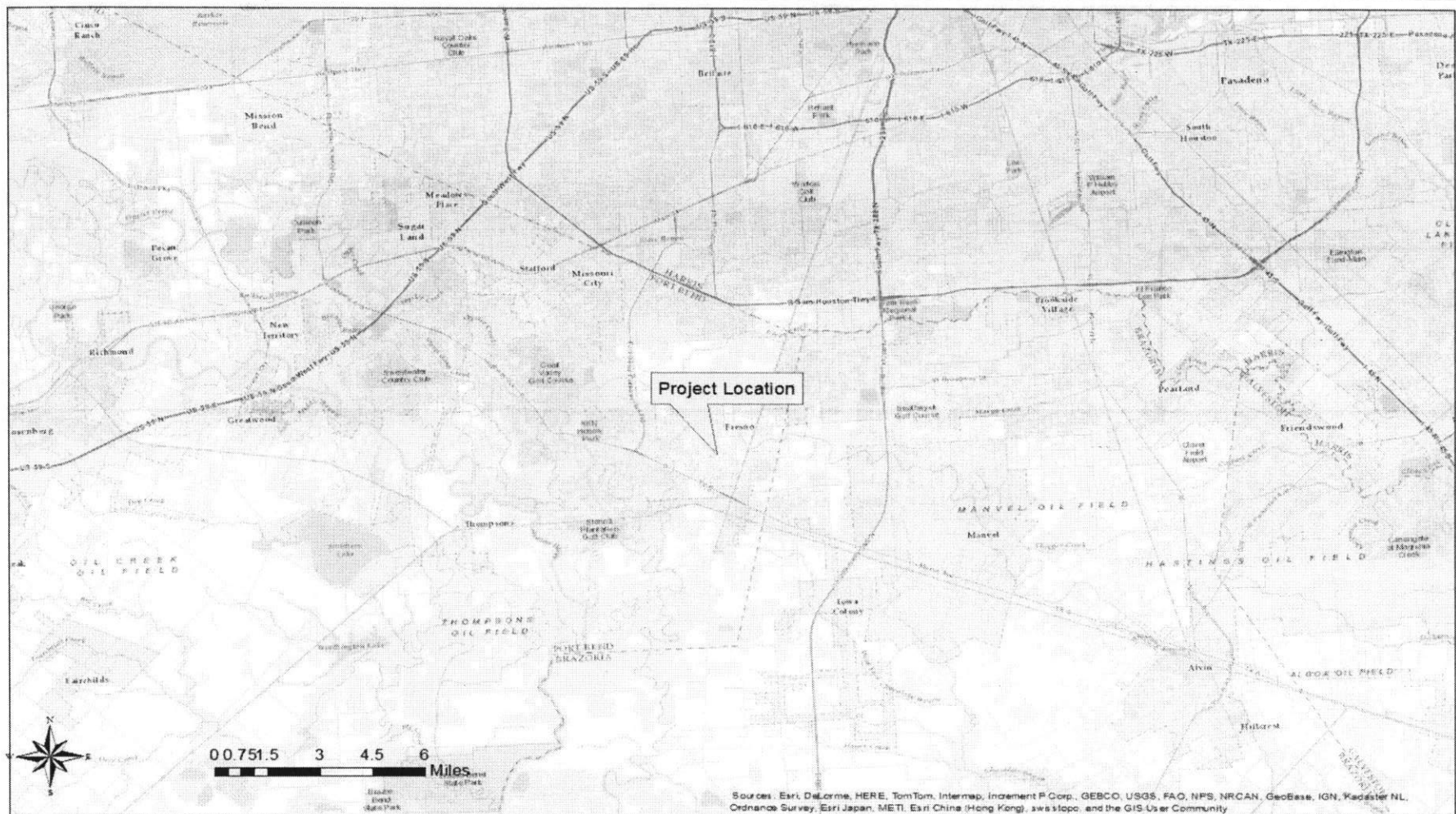
1. Clear the proposed development area of existing pavement and subgrade to the grade required for the proposed pavement section.
2. In areas where soft, compressible or loose soils are encountered, additional stripping may be required. Stripping should extend a minimum of two feet beyond the edge of the proposed pavement, if appropriate.
3. Surfaces exposed after stripping should be proof-rolled in accordance with TxDOT Standard Specification Item 216. If rutting develops, tire pressures should be reduced. The purpose of the proof-rolling operation is to identify any underlying zones or pockets of soft soils and to remove such weak materials.
4. Scarify the upper eight inches of exposed surface as required, mix with 8% lime and compact it to 95 percent of standard Proctor (ASTM D698). These are preliminary estimates; actual percentage of lime should be confirmed by conducting lime series tests on the exposed subgrade material at the time of construction.

## **7 LIMITATIONS**

This investigation was performed for the exclusive use of EPIC Transportation Group, LP and Fort Bend County, Precinct 1 for the proposed Sycamore Road Reconstruction in Fort Bend County, Texas. HVJ has endeavored to comply with generally accepted geotechnical engineering practice common in the local area. HVJ makes no warranty, express or implied. The analyses and recommendations contained in this report are based on data obtained from subsurface exploration, laboratory testing, the project information provided to us and our experience with similar soils and area conditions. The methods used indicate subsurface conditions only at the specific locations where samples were obtained, only at the time they were obtained, and only to the depths penetrated. Samples cannot be relied on to accurately reflect the strata variations that usually exist

between sampling locations. Should any subsurface conditions other than those described in our boring logs be encountered, HVJ should be immediately notified so that further investigation and supplemental recommendations can be provided.

## PLATES



Sources: Esri, DeLorme, HERE, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBasis, IGN, Fugro, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, and the GIS User Community



6120 S. Dairy Ashford Road  
Houston, Texas 77072-1010  
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281.933.7293 Fax

DATE: 07/28/15

APPROVED BY:  
MM

PREPARED BY:  
AR

SITE VICINITY MAP  
RECONSTRUCTION OF SYCAMORE ROAD

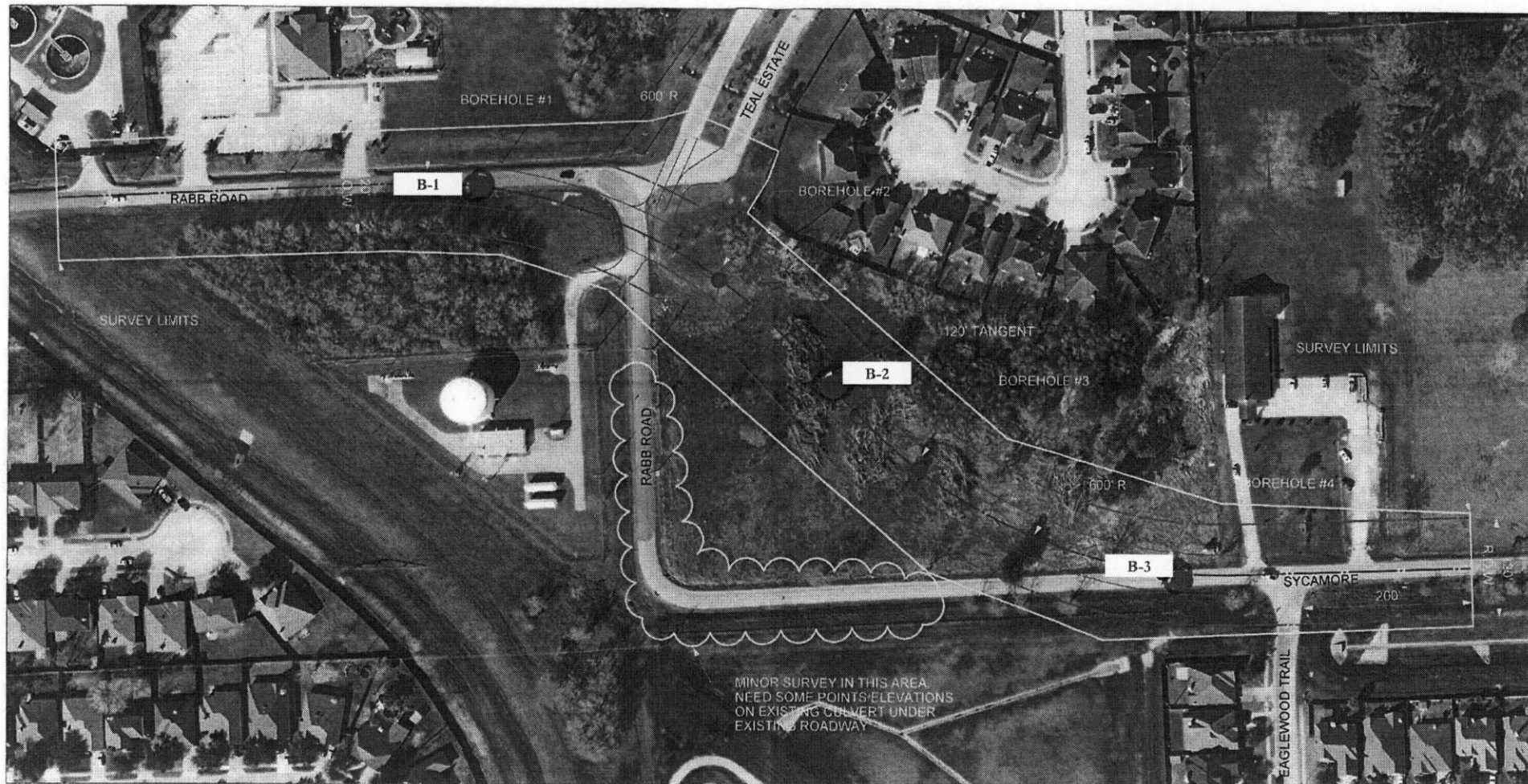
PROJECT NO.:

DRAWING NO.:

HG1316861

PLATE 1





**LEGEND:**

- APPROXIMATE BORING LOCATIONS



6120 S. Dairy Ashford Road  
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MM

PREPARED BY:  
AR

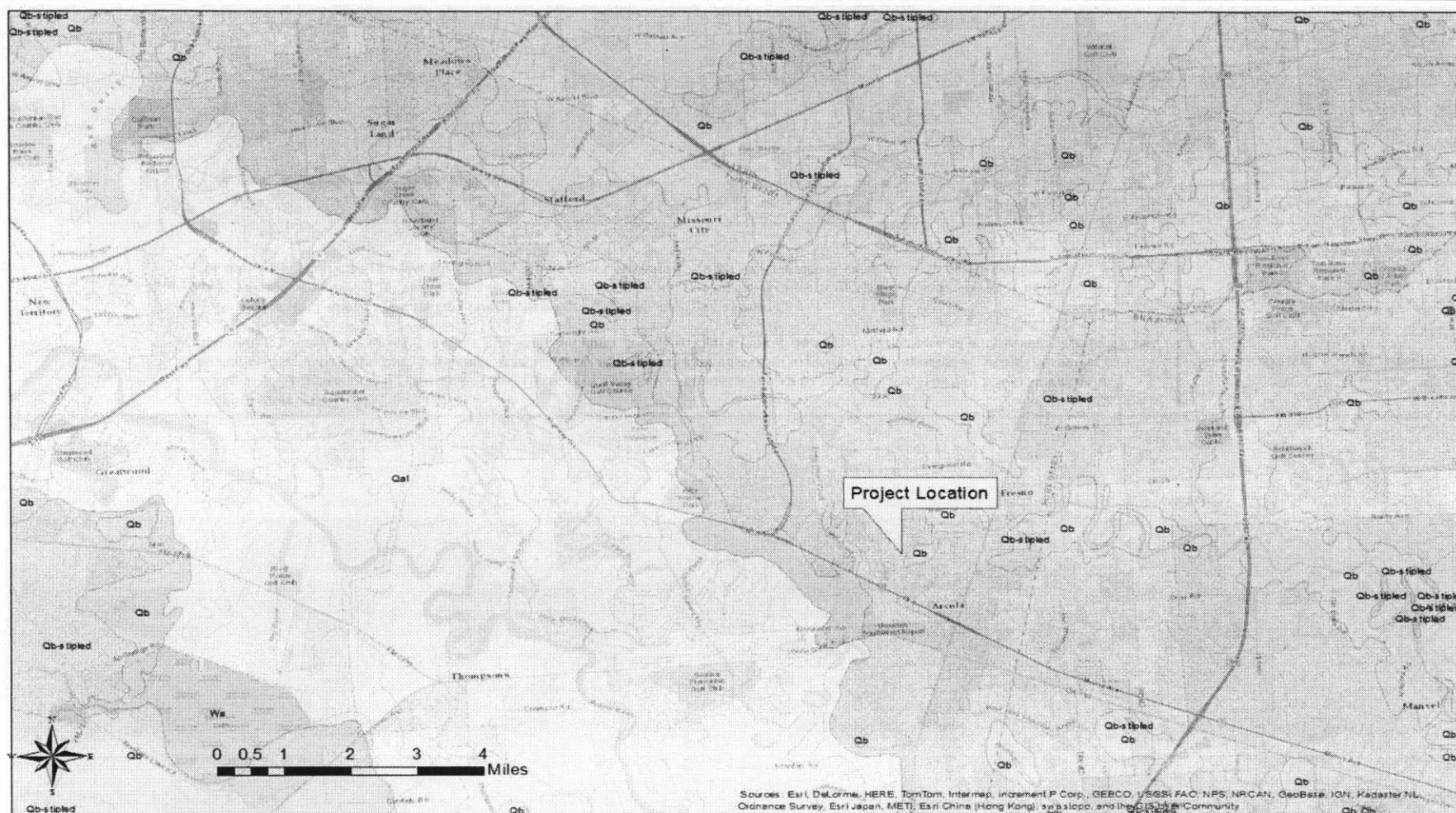
**PLAN OF BORINGS  
RECONSTRUCTION OF SYCAMORE ROAD**

PROJECT NO.:

HG1316861

DRAWING NO.:

PLATE 2



Sources: Esri, DeLorme, HERE, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, and the U.S. Army Corps of Engineers.



Qb-stipled

Qb

**Beaumont Formation - Dominantly clay and mud of low permeability, high water-holding capacity, high compressability, high to very high shrink-swell potential, poor drainage, level to depressed relief, low shear strength, and high plasticity; geologic units include interdistributary muds, abandoned channel-fill muds, and overbank fluvial muds**

**Beaumont Formation - mostly clay, silt, and sand; includes mainly stream channel, point-bar, natural levee, backswamp, and to a lesser extent coastal marsh and mud flat deposits; concretions of calcium carbonate, iron oxide, and iron-manganese oxides in zone of weathering; surface almost featureless, characterized by relict river channels shown by meander patterns and pimple mounds on meanderbelt ridges.**



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SV

PREPARED BY:  
AR

GEOLOGIC MAP  
RECONSTRUCTION OF SYCAMORE ROAD

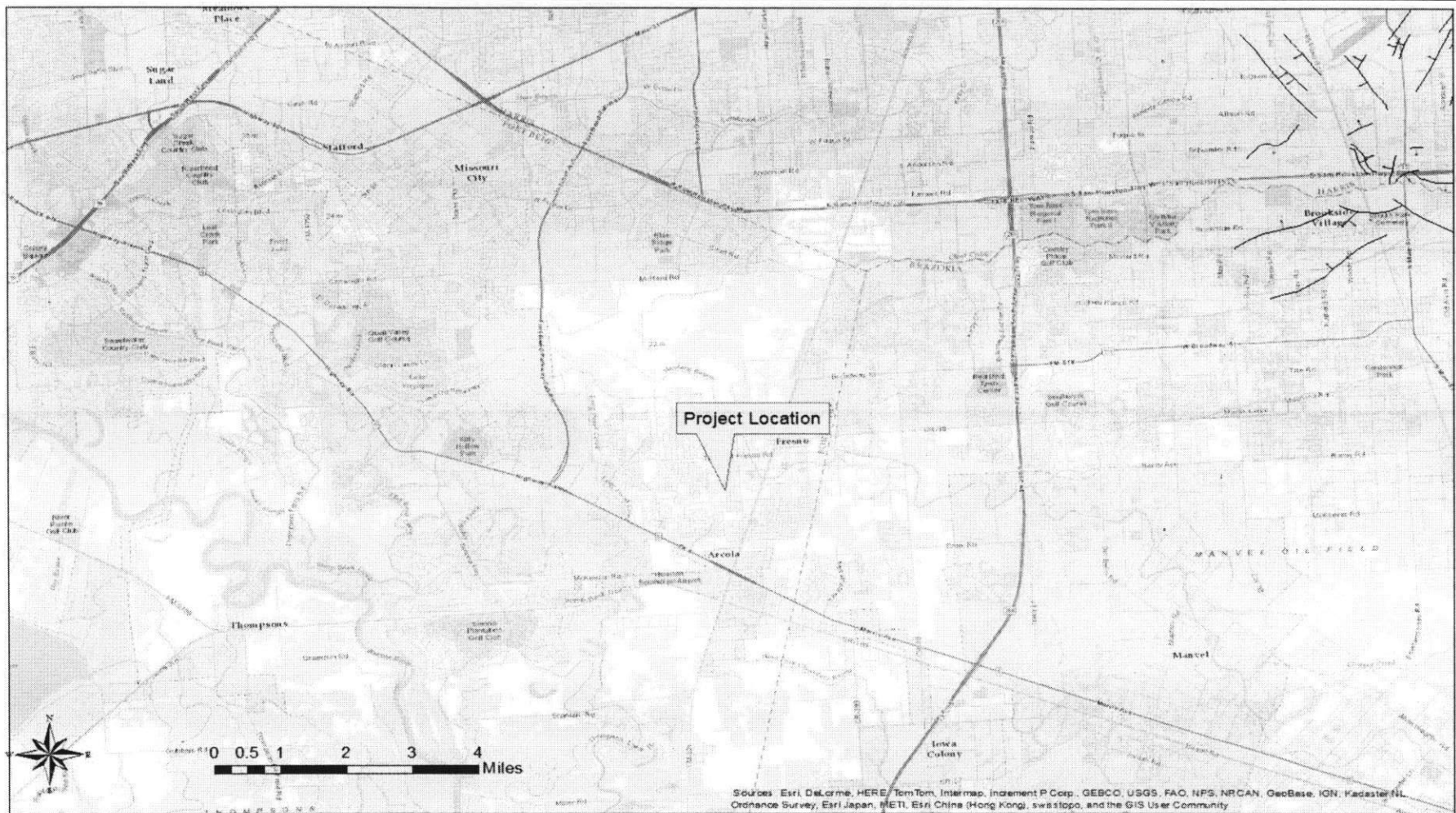
PROJECT NO.:

DRAWING NO.:

HG1316861

PLATE 3





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DATE: 07/28/15

APPROVED BY:  
MM

PREPARED BY:  
AR

**FAULT MAP  
RECONSTRUCTION OF SYCAMORE ROAD**

PROJECT NO.:

DRAWING NO.:

HG1316861

PLATE 4

## **APPENDIX A**

### **BORING LOGS AND KEY TO TERMS & SYMBOLS**








## LOG OF BORING B-1

PROJECT: Reconstruction of Sycamore Road  
 LOCATION: N: N/A; E: N/A  
 STATION: N/A  
 OFFSET: N/A  
 SURFACE ELEVATION: N/A


PROJECT NO.: HG1316861

COMPLETION DEPTH: 10 FT

DATE: 7/1/2015

ELEVATION, FT	DEPTH, FT	SYMBOL	SAMPLER: Shelby Tube/Split Spoon	STANDARD PENETRATION TEST, BLOWS PER FOOT	PERCENT PASSING NO. 200 SIEVE	DRY UNIT WEIGHT, PCF	MOISTURE CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	PLASTICITY INDEX, %	UNDRAINED SHEAR STRENGTH, TSF
	0		DRY AUGER: 0 TO 10 FT WET ROTARY: TO FT								○ HAND PENETROMETER ● UNCONFINED COMPRESSION ■ UNCONSOLIDATED-UNDRAINED TRIAXIAL COMPRESSION △ TORVANE 0.5 1.0 1.5 2.0 2.5
			DESCRIPTION OF MATERIAL								
			Pavement: 5" Asphaltic Concrete, 10" Limestone								
			Stiff to very stiff, dark gray, FAT CLAY WITH SAND (CH) -w/ ferrous stains		84.6		23	54	19	35	    
	5					97	28				
							25	52	18	34	 
	10										

DEPTH TO WATER IN BORING:

 FREE WATER DURING DRILLING: ---

 WATER DEPTH 24 HOURS AFTER DRILLING: ---
Drilled By: TR    Logged By: EG

HVJ Associates, Inc.

PLATE A-1

COH HG-13-16861 COH.GPJ 7/28/15

## LOG OF BORING B-2

PROJECT: Reconstruction of Sycamore Road  
 LOCATION: N: N/A; E: N/A  
 STATION: N/A  
 OFFSET: N/A  
 SURFACE ELEVATION: N/A

PROJECT NO.: HG1316861  
 COMPLETION DEPTH: 10 FT  
 DATE: 7/1/2015

ELEVATION, FT	DEPTH, FT	SYMBOL	SAMPLES	SAMPLER: Shelby Tube/Split Spoon DRY AUGER: 0 TO 10 FT WET ROTARY: TO FT	STANDARD PENETRATION TEST, BLOWS PER FOOT	PERCENT PASSING NO. 200 SIEVE	DRY UNIT WEIGHT, PCF	MOISTURE CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	PLASTICITY INDEX, %	UNDRAINED SHEAR STRENGTH, TSF ○ HAND PENETROMETER ● UNCONFINED COMPRESSION ■ UNCONSOLIDATED-UNDRAINED TRIAxIAL COMPRESSION △ TORVANE 0.5 1.0 1.5 2.0 2.5
	0			DESCRIPTION OF MATERIAL		83.9		18	43	20	23	
				Firm to very stiff, brown and gray, LEAN CLAY WITH SAND (CL) -w/ roots 0'-2'			103	22				
	5							46	21	25		
	10							19				

DEPTH TO WATER IN BORING:

☒ FREE WATER DURING DRILLING: ---

☒ WATER DEPTH 24 HOURS AFTER DRILLING: ---
Drilled By: IR Logged By: EG

HVJ Associates, Inc.

PLATE A-2

## LOG OF BORING B-3

PROJECT: Reconstruction of Sycamore Road  
 LOCATION: N: N/A; E: N/A  
 STATION: N/A  
 OFFSET: N/A  
 SURFACE ELEVATION: N/A

PROJECT NO.: HG1316861  
 COMPLETION DEPTH: 10 FT  
 DATE: 7/1/2015

ELEVATION, FT	DEPTH, FT	SYMBOL	SAMPLER: Shelby Tube/Split Spoon DRY AUGER: 0 TO 10 FT WET ROTARY: TO FT	DESCRIPTION OF MATERIAL	STANDARD PENETRATION TEST, BLOWS PER FOOT	PERCENT PASSING NO. 200 SIEVE	DRY UNIT WEIGHT, PCF	MOISTURE CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	PLASTICITY INDEX, %	UNDRAINED SHEAR STRENGTH, TSF ○ HAND PENETROMETER ● UNCONFINED COMPRESSION ■ UNCONSOLIDATED-UNDRAINED TRIAxIAL COMPRESSION △ TORVANE 0.5 1.0 1.5 2.0 2.5
	0			Pavement: 4" Asphaltic Concrete, 14" Sand w/ Limestone								
	5			Stiff to very stiff, dark gray, SANDY LEAN CLAY (CL) -w/ sand seams 2'-4'		66.9	107	22	48	20	28	
								19				
	10							15	29	17	12	

DEPTH TO WATER IN BORING:

☒ FREE WATER DURING DRILLING: ---

☒ WATER DEPTH 24 HOURS AFTER DRILLING: ---
Drilled By: TR Logged By: EG

HVJ Associates, Inc.

PLATE A-3

## SOIL SYMBOLS

### Soil Types



Clay



Silt



Sand



Gravel

### Modifiers



Clayey



Silty



Sandy



Cemented

### Construction Materials



Asphaltic  
Concrete



Stabilized  
Base



Fill or  
Debris



Portland  
Cement  
Concrete

## SAMPLER TYPES



Thin Walled  
Shelby Tube



No Recovery



Split Barrel



Core



Liner Tube



Jar Sample

## WATER LEVEL SYMBOLS



Groundwater level after drilling in  
open borehole or piezometer



Groundwater level determined during  
drilling operations

## SOIL GRAIN SIZE

### Classification

Clay  
Silt  
Sand  
Gravel  
Cobble  
Boulder

### Particle Size

< 0.002 mm  
0.002 - 0.075 mm  
0.075 - 4.75 mm  
4.75 - 75 mm  
75 - 200 mm  
> 200 mm

### Particle Size or Sieve No. (U.S. Standard)

< 0.002 mm  
0.002 mm - #200 sieve  
#200 sieve - #4 sieve  
#4 sieve - 3 in.  
3 in. - 8 in.  
> 8 in.

## DENSITY OF COHESIONLESS SOILS

Descriptive Term	Penetration Resistance "N" * Blows/Foot
Very Loose	0 - 4
Loose	4 - 10
Medium Dense	10 - 30
Dense	30 - 50
Very Dense	> 50

## CONSISTENCY OF COHESIVE SOILS

Consistency	Undrained Shear Strength (tsf)	Penetration Resistance "N" * Blows/Foot
Very Soft	0 - 0.125	0 - 2
Soft	0.125 - 0.25	2 - 4
Firm	0.25 - 0.5	4 - 8
Stiff	0.5 - 1.0	8 - 16
Very Stiff	1.0 - 2.0	16 - 32
Hard	> 2.0	> 32

## PENETRATION RESISTANCE

3/6

Blows required to penetrate each of three consecutive 6-inch increments per ASTM D-1586 \*

50/4"

If more than 50 blows are required, driving is discontinued and penetration at 50 blows is noted

0/18"

Sampler penetrated full depth under weight of drill rods and hammer

\* The N value is taken as the blows required to penetrate the final 12 inches

## TERMS DESCRIBING SOIL STRUCTURE

### Slickensided

Fracture planes appear polished or glossy, sometimes striated

### Fissured

Breaks along definite planes of fracture with little resistance to fracturing

### Inclusion

Small pockets of different soils, such as small lenses of sand scattered through a mass of clay

### Parting

Inclusion less than 1/4 inch thick extending through the sample

### Seam

Inclusion 1/4 inch to 3 inches thick extending through the sample

### Layer

Inclusion greater than 3 inches thick extending through the sample

### Laminated

Soil sample composed of alternating partings of different soil type

### Stratified

Soil sample composed of alternating seams or layers of different soil type

### Intermixed

Soil sample composed of pockets of different soil type and laminated or stratified structure is not evident

### Calcareous

Having appreciable quantities of calcium carbonate

### Ferrous

Having appreciable quantities of iron

### Nodule

A small mass of irregular shape



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## KEY TO TERMS AND SYMBOLS USED ON BORING LOGS

PROJECT NO.:

HG1316861

DRAWING NO.:

APPENDIX A-4

## **APPENDIX B**

### **SUMMARY OF LABORATORY TEST RESULTS**

**Project:** Reconstruction of Sycamore Road  
**Location:** Ford Bend County, Texas  
**Number:** HG1316861

Borehole	Depth, Feet	Liquid Limit	Plastic Limit	Plasticity Index	% Pass #200 Sieve	Moisture Content, %	Total Unit Weight, pcf	Shear Strength (UC), tsf	Shear Strength (Pocket Pen), tsf
B-1	0								
B-1	1.3								1
B-1	2	54	19	35	84.6	23			1
B-1	4					28	124	0.7	0.7
B-1	6	52	18	34		25			0.5
B-1	8								0.8
B-2	0	43	20	23	83.9	18			1.3
B-2	2					22	126	0.9	0.6
B-2	4	46	21	25					0.4
B-2	6								1.3
B-2	8					19			1.2
B-3	0								
B-3	1.5								
B-3	2	48	20	28	66.9	22			0.8
B-3	4					20	128	1.1	0.9
B-3	6					19			1
B-3	8	29	17	12		15			1.5





**COUNTY PURCHASING AGENT**  
Fort Bend County, Texas

Gilbert D. Jalomo, Jr., CPPB  
County Purchasing Agent

(281) 341-8640  
Fax (281) 341-8645

**Vendor Information**

Federal ID # or S.S #	74-1654993	Dun and Bradstreet #	046306510
Type of Business	<input checked="" type="checkbox"/> Corporation/LLC <input type="checkbox"/> Sole Proprietor/Individual <input type="checkbox"/> Partnership <input type="checkbox"/> Tax Exempt Organization		
Legal Company Name	Durwood Greene Construction Co. Year Business was Established 1968		
Remittance Address	P.O. Box 1338		
City/State/Zip	Stafford, Texas 77497-1338		
Physical Address	10126 Cash Road		
City/State/Zip	Stafford, Texas 77477		
County	<input checked="" type="checkbox"/> Fort Bend County Other:		
Phone/Fax Number	Phone: 281-499-1551	Fax: 281-499-1525	
Contact Person	Jerry W. Berry		
E-mail	jberry@durwoodgreene.com		
Special Notes			
The Company listed above is a (check all that apply and attached certificate).	<input type="checkbox"/> DBE-Disadvantaged Business Enterprise Certification # _____ <input type="checkbox"/> SBE-Small Business Enterprise Certification # _____ <input type="checkbox"/> HUB-Texas Historically Underutilized Business Certification # _____ <input type="checkbox"/> WBE-Women's Business Enterprise Certification # _____ <input type="checkbox"/> MBE-Minority Business Enterprise Certification # _____		
Company's gross annual receipts:	<input type="checkbox"/> < \$500,000 <input type="checkbox"/> \$500,000-\$4,999,999 <input type="checkbox"/> \$5,000,000-\$16,999,999 <input type="checkbox"/> \$17,000,000-\$22,399,999 <input checked="" type="checkbox"/> >\$22,400,000		
NAICs codes (Please enter all that apply).			

**PLEASE NOTE:** W-9 needs to be attached in order to be entered into our system

**Request for Taxpayer  
Identification Number and Certification**

**Give Form to the  
requester. Do not  
send to the IRS.**

**1** Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.  
Durwood Greene Construction Co.

**2** Business name/disregarded entity name, if different from above

**3** Check appropriate box for federal tax classification; check only one of the following seven boxes:  
☐ Individual/sole proprietor or single-member LLC  
☐ C Corporation  
☒ S Corporation  
☐ Partnership  
☐ Trust/estate  
☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶  
**Note.** For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.  
☐ Other (see instructions) ▶

**4** Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):  
Exempt payee code (if any) \_\_\_\_\_  
Exemption from FATCA reporting code (if any) \_\_\_\_\_  
(Applies to accounts maintained outside the U.S.)

**5** Address (number, street, and apt. or suite no.)  
P.O. Box 1338

**6** City, state, and ZIP code  
Stafford, Texas 77497-1338

**7** List account number(s) here (optional)

**8** Requester's name and address (optional)

**Part I Taxpayer Identification Number (TIN)**

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

**Note.** If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

**Social security number**

			-			-			
--	--	--	---	--	--	---	--	--	--

**or**

**Employer identification number**

74	-	16	54	99	3
----	---	----	----	----	---

**Part II Certification**

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

**Sign Here** **Signature of U.S. person** Jerry L. Berry **Jerry L. Berry**  
**Vice President** **Date** 5-30-17

**General Instructions**

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at [www.irs.gov/fw9](http://www.irs.gov/fw9).

**Purpose of Form**

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

*If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.*

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

Job No.: \_\_\_\_\_

**TAX FORM/DEBT/ RESIDENCE CERTIFICATION**  
(for Advertised Projects)

Taxpayer Identification Number (T.I.N.): 74-1654993

Company Name submitting Bid/Proposal: Durwood Greene Construction Co.

Mailing Address: P.O. Box 1338, Stafford, Texas 77497-1338

Are you registered to do business in the State of Texas? ☒ Yes ☐ No

If you are an individual, list the names and addresses of any partnership of which you are a general partner or any assumed name(s) under which you operate your business

\_\_\_\_\_

\_\_\_\_\_

- I. **Property:** List all taxable property in Fort Bend County owned by you or above partnerships as well as any d/b/a names. Include real and personal property as well as mineral interest accounts. (Use a second sheet of paper if necessary.)

Fort Bend County Tax Acct. No.\*

P168929

Property address or location\*\*

10126 Cash Road, Stafford, Texas 77477

\* This is the property account identification number assigned by the Fort Bend County Appraisal District.

\*\* For real property, specify the property address or legal description. For business personal property, specify the address where the property is located. For example, office equipment will normally be at your office, but inventory may be stored at a warehouse or other location.

- II. **Fort Bend County Debt** - Do you owe any debts to Fort Bend County (taxes on properties listed in I above, tickets, fines, tolls, court judgments, etc.)?

Yes ☒ No

If yes, attach a separate page explaining the debt.

- III. **Residence Certification** - Pursuant to Texas Government Code §2252.001 *et seq.*, as amended, Fort Bend County requests Residence Certification. §2252.001 *et seq.* of the Government Code provides some restrictions on the awarding of governmental contracts; pertinent provisions of §2252.001 are stated below:

(3) "Nonresident bidder" refers to a person who is not a resident.

(4) "Resident bidder" refers to a person whose principal place of business is in this state, including a contractor whose ultimate parent company or majority owner has its principal place of business in this state.

I certify that Durwood Greene Construction Co. is a Resident Bidder of Texas as defined in Government Code §2252.001.  
[Company Name]

I certify that \_\_\_\_\_ is a Nonresident Bidder as defined in Government Code §2252.001 and our principal place of business is \_\_\_\_\_.  
[Company Name]

[City and State]

**Mandatory Form**



**Contractor Acknowledgement of Stormwater Management Program**

I hereby acknowledge that I am aware of the stormwater management program and standard operating procedures developed by Fort Bend County in compliance with the TPDES General Permit No. TXR040000. I agree to comply with all applicable best management practices and standard operating procedures while conducting my services for Fort Bend County. I agree to conduct all services in a manner that does not introduce illicit discharges of pollutants to streets, stormwater inlets, drainage ditches or any portion of the drainage system. The following materials and/or pollutant sources must not be discharged to the drainage system as a result of any services provided:

1. Grass clippings, leaves, mulch, rocks, sand, dirt or other waste materials resulting from landscaping activities, (except those materials resulting from ditch mowing or maintenance activities)
2. Herbicides, pesticides and/or fertilizers, (except those intended for aquatic use)
3. Detergents, fuels, solvents, oils and/or lubricants, other equipment and/or vehicle fluids,
4. Other hazardous materials including paints, thinners, chemicals or related waste materials,
5. Uncontrolled dewatering discharges, equipment and/or vehicle wash waters,
6. Sanitary waste, trash, debris, or other waste products
7. Wastewater from wet saw machinery,
8. Other pollutants that degrade water quality or pose a threat to human health or the environment.

Furthermore, I agree to notify Fort Bend County immediately of any issue caused by or identified by:

Durwood Greene Construction Co.

(Company/Contractor)

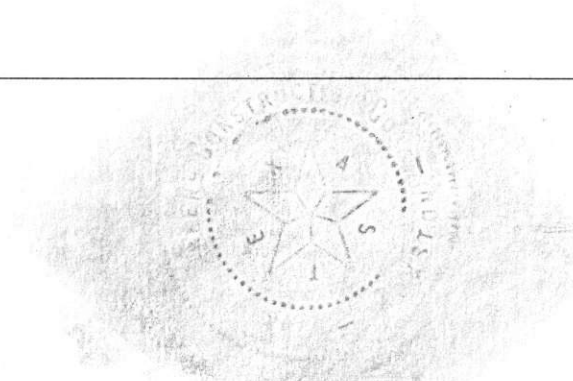
that is believed to be an immediate threat to human health or the environment.

Jerry L. Berry  
Contractor Signature

5-30-17  
Date

Jerry L. Berry  
Printed Name Vice President

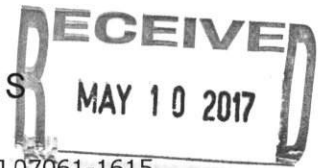
\_\_\_\_\_  
Title





# CHUBB GROUP OF INSURANCE COMPANIES

Surety Department, 15 Mountain View Road, P.O. Box 1615, Warren, NJ 07061-1615  
Phone: 908-903-3497 Facsimile: 908-903-3656



Bond No. Bid Bond

FEDERAL INSURANCE COMPANY

## BID BOND

Amount 5% GAB

### Know All Men By These Presents,

That we, **Durwood Greene Construction Co.**

(hereinafter called the Principal), as Principal, and the FEDERAL INSURANCE COMPANY, Warren, New Jersey, a corporation duly organized under the laws of the State of Indiana, (hereinafter called the Surety), as Surety, are held and firmly bound unto **Fort Bend County**

(hereinafter called the Oblige), in the amount of

**Five Percent of the Greatest Amount Bid\*\*\***

**(5% GAB)**, for the pay-

ment of which we, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

Sealed with our seals and dated this **May 30, 2017**.

WHEREAS, the Principal has submitted a bid, dated **May 30, 2017 for Construction of Sycamore Road from Eaglewood Trail to Rabb Road for Fort Bend County Bond Project 13113, Bid No: 17-076**

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Oblige shall accept the bid of the Principal and the Principal shall enter into a contract with the Oblige in accordance with such bid and give bond with good and sufficient surety for the faithful performance of such contract, or in the event of the failure of the Principal to enter into such contract and give such bond, if the Principal shall pay to the Oblige the penal sum hereof, then this obligation shall be null and void, otherwise, to remain in full force and effect.

**Durwood Greene Construction Co.**

**Jerry L. Berry**  
Vice President

By: 

**FEDERAL INSURANCE COMPANY**

By: 

Richard Covington, Attorney-In-Fact



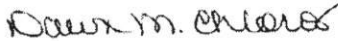
## Power of Attorney

Federal Insurance Company | Vigilant Insurance Company | Pacific Indemnity Company

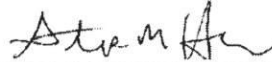
**Know All by These Presents**, That **FEDERAL INSURANCE COMPANY**, an Indiana corporation, **VIGILANT INSURANCE COMPANY**, a New York corporation, and **PACIFIC INDEMNITY COMPANY**, a Wisconsin corporation, do each hereby constitute and appoint **Joseph R. Aulbert, Marc W. Boots, Richard Covington, Ashley Koletar, Vickie Lacy and Maria D. Zuniga** of Houston, Texas; **Susan Golla** of San Antonio, Texas

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

**In Witness Whereof**, said **FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY** have each executed and attested these presents and affixed their corporate seals on this 15<sup>th</sup> day of **February, 2017**.



Dawn M. Chloros, Assistant Secretary

Stephen M. Haney, Vice President



STATE OF NEW JERSEY

County of Hunterdon

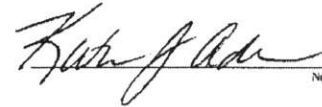
SS.

On this 15<sup>th</sup> day of **February, 2017** before me, a Notary Public of New Jersey, personally came Dawn M. Chloros, to me known to be Assistant Secretary of **FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY**, the companies which executed the foregoing Power of Attorney, and the said Dawn M. Chloros, being by me duly sworn, did depose and say that she is Assistant Secretary of **FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY** and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of said Companies; and that she signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that she is acquainted with Stephen M. Haney, and knows him to be Vice President of said Companies; and that the signature of Stephen M. Haney, subscribed to said Power of Attorney is in the genuine handwriting of Stephen M. Haney, and was thereto subscribed by authority of said Companies and in deponent's presence.

Notarial Seal



KATHERINE J. ADELAAR  
NOTARY PUBLIC OF NEW JERSEY  
No. 2318865  
Commission Expires July 16, 2019



Notary Public

## CERTIFICATION

Resolutions adopted by the Boards of Directors of **FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY** on August 30, 2016:

"RESOLVED, that the following authorizations relate to the execution, for and on behalf of the Company, of bonds, undertakings, recognizances, contracts and other written commitments of the Company entered into in the ordinary course of business (each a "Written Commitment"):

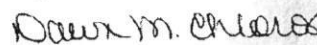
- (1) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise.
- (2) Each duly appointed attorney-in-fact of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise, to the extent that such action is authorized by the grant of powers provided for in such person's written appointment as such attorney-in-fact.
- (3) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to appoint in writing any person the attorney-in-fact of the Company with full power and authority to execute, for and on behalf of the Company, under the seal of the Company or otherwise, such Written Commitments of the Company as may be specified in such written appointment, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
- (4) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to delegate in writing to any other officer of the Company the authority to execute, for and on behalf of the Company, under the Company's seal or otherwise, such Written Commitments of the Company as are specified in such written delegation, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
- (5) The signature of any officer or other person executing any Written Commitment or appointment or delegation pursuant to this Resolution, and the seal of the Company, may be affixed by facsimile on such Written Commitment or written appointment or delegation.

FURTHER RESOLVED, that the foregoing Resolution shall not be deemed to be an exclusive statement of the powers and authority of officers, employees and other persons to act for and on behalf of the Company, and such Resolution shall not limit or otherwise affect the exercise of any such power or authority otherwise validly granted or vested."

I, Dawn M. Chloros, Assistant Secretary of **FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY** (the "Companies") do hereby certify that

- (i) the foregoing Resolutions adopted by the Board of Directors of the Companies are true, correct and in full force and effect,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U.S. Treasury Department; further, Federal and Vigilant are licensed in the U.S. Virgin Islands, and Federal is licensed in Guam, Puerto Rico, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Whitehouse Station, NJ, this **30th Day of May, 2017**

Dawn M. Chloros, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT:

Telephone (908) 903-3493 Fax (908) 903-3656 e-mail: surety@chubb.com

REFERENCESReference #1Organization Name: Harris County EngineeringContact Name/Telephone No.: Mr. Gary Howard 713-755-8770Address: 1310 Prairie Street Houston, Texas 77002Services provided: General Construction to include street and road repair, replacement and overlayReference #2Organization Name: Texas Department of TransportationContact Name/Telephone No.: Ms. Eliza Paul, P.E. 979-864-8500Address: 1033 F Orange Street, Angleton, Texas 77515Services provided: General Construction to include street and road repair, replacement and overlayReference #3Organization Name: Texas Department of TransportationContact Name/Telephone No.: Mr. Jesse Garcia, P.E. 713-934-5900Address: 14838 Northwest Freeway, Houston, Texas 77040Services provided: General Construction to include street and road repair, replacement and overlay

REFERENCES (Continued)

Reference #4

Organization Name: LJA Engineering, Inc.  
Contact Name/Telephone No.: Mr. James Ross 713-953-5200  
Address: 2929 Briarpark, Suite 600 Houston, Texas 77042

Services provided: Concrete and asphalt paving of streets and roads.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Reference #5

Organization Name: City of Houston  
Contact Name/Telephone No.: Rowaidah Ayoub 832-395-2206  
Address: 611 Walker Street - 14th Floor Houston, Texas 77002

Services provided: Concrete and asphalt paving of streets and roads.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Reference #6

Organization Name: City of Missouri City, Texas  
Contact Name/Telephone No.: Sharon Valiente 281-814-9134  
Address: 1522 Texas Parkway, Missouri City, Texas 77459

Services provided: Concrete and asphalt paving of streets and roads.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**BID FORM – PART A**

To: **Fort Bend County  
Purchasing Department  
Travis Annex  
301 Jackson, Suite 201  
Richmond, Texas 77469**

Project: Sycamore Road – From Rabb Road to Eaglewood Trail Drive

Bid No.: 17-076

Bidder: **Diamond Greene Construction Co.**  
(Print or type full name of proprietorship, partnership, corporation, or joint venture.)

**1.0 OFFER**

- A. Total Bid Price:** Having examined the Project location and all matters referred to in Bid Documents for the Project, we, the undersigned, offer to enter into a Contract to perform the Work for the Total Bid Price shown on the signature page of this Document
- B. Security Deposit:** Included with the Bid is a Bid Bond as required, subject to terms described in the General Requirements.
- C. Addenda:** All Addenda have been received. Modifications to Bid Documents have been considered and all related costs are included in the Total Bid Price.
- D. Bid Supplements:** The following documents are attached:
  - ☒ General Requirements –Section 1.8 Bid Bond
  - ☒ Contract Sheet
  - ☒ References
  - ☒ Certificate of Insurance
  - ☒ W-9 Form
  - ☒ Bid Form

**2.0 CONTRACT TIME**

- A.** If offer is accepted, Contractor shall achieve Date of Substantial Completion within 75 days after Date of Commencement of the Work, subject to adjustments of Contract Time as provided in the Contract.

## BID FORM – PART B

**1.0 TOTAL BID PRICE HAS BEEN CALCULATED BY BIDDER, USING THE FOLLOWING COMPONENT PRICES AND PROCESS (PRINT OR TYPE NUMERICAL AMOUNTS):**

**B. BASE UNIT PRICE TABLE:**

Item No.	Control No.	Item Description	Unit Measure	Unit Quantity	Unit Price (this column controls)	Total in figures
1	DWG	PLACE, MAINTAIN AND REMOVE PROJECT SIGN	EA	2.0	1,000.00	2,000.00
2	102	CLEARING AND GRUBBING	STA	11.9	1,500.00	17,850.00
3	110	EXCAVATION (ROADWAY)	CY	1642.0	35.00	57,470.00
4	130	BORROW	CY	2241.0	20.00	44,820.00
5	162	BLOCK SODDING	SY	402.4	5.00	2,012.00
6	165	HYDROMULCH SEEDING	AC	2.0	1,700.00	3,400.00
7	220	LIME STABILIZED SUBGRADE (8" DEPTH)	SY	7860.3	3.00	23,580.90
8	221	HYDRATED LIME (TY A) (DRY)	TON	189.6	170.00	32,232.00
9	250	HOT MIX ASPHALTIC CONCRETE BASE COURSE (BLACK BASE) (8" THICK)	TON	3183.4	82.00	261,038.80
10	340	HOT MIX-HOT LAID ASPHALTIC CONCRETE (3")	TON	1173.6	105.00	123,228.00
11	460	24" RCP (ASTM C76, CLASS III) (RUBBER GASKETED)	LF	60.0	170.00	10,200.00
12	463	SET (TY II)(24 IN) (RCP) (3:1) (C)	EA	2.0	1,800.00	3,600.00
13	530	REINFORCED CONCRETE CURB AND GUTTER (6")	LF	343.0	30.00	10,290.00
14	540	REMOVE STAB BASE & ASPH (6"-12")	SY	3250.7	5.00	16,253.50
15	624	ALUMINUM SIGNS	EA	6.0	800.00	4,800.00
16	660	REF PAV MRK TY II (Y) (MED NOSE)	EA	1.0	700.00	700.00
17	660	REFL PAV MRK TY I (W) 4" (BRK)(100MIL)	LF	45.0	1.00	45.00

## Sycamore Road – From Eaglewood Trail to Rabb Road

BID 17-076

Item No.	Control No.	Item Description	Unit Measure	Unit Quantity	Unit Price (this column controls)	Total in figures
18	660	REFL PAV MRK TY I (W) 4" (SLD)(100MIL)	LF	2610.0	.75	1,957.50
19	660	REFL PAV MRK TY I (W) 8" (SLD)(100MIL)	LF	180.0	2.00	360.00
20	660	REFL PAV MRK TY I (W) 24"(SLD)(100MIL)	LF	55.0	8.00	440.00
21	660	REFL PAV MRK TY I (Y) 4" (SLD)(100MIL)	LF	3270.0	.75	2,452.50
22	660	REFL PAV MRK TY I (Y) 24"(SLD)(100MIL)	LF	100.0	10.00	1,000.00
23	660	REFL PAV MRK TY I (W) (ARROW) (100MIL)	EA	2.0	225.00	450.00
24	660	REFL PAV MRK TY I(W)(DBL ARROW)(100MIL)	EA	1.0	250.00	250.00
25	660	REFL PAV MRK TY I (W) (WORD) (100MIL)	EA	2.0	230.00	460.00
26	663	REFL PAV MRKR TY I-C	EA	20.0	6.00	120.00
27	663	REFL PAV MRKR TY II-A-A	EA	125.0	6.00	750.00
28	663	REFL PAV MRKR TY II-C-R	EA	24.0	6.00	144.00
29	663	TRAFFIC BUTTON TY W	EA	20.0	6.00	120.00
30	663	TRAFFIC BUTTON TY Y	EA	65.0	6.00	390.00
31	671	TRAFFIC CONTROL	MO	2.5	2,700.00	6,750.00
32	700	TPDES GENERAL PERMIT NO. TXR 150000, NOTICE OF INTENT (NOI) APPLICATION FEES (CONTRACTOR'S NOI FEE. FEE SHALL BE SET PRICE OF \$325.00)	EA	1.0	325.00	325.00
33	713	REINFORCED FILTER FABRIC BARRIER	LF	1200.0	2.50	3,000.00
34	724	STABILIZED CONSTRUCTION ACCESS (TYPE 1-ROCK)	SY	77.8	22.00	1,711.60
35	750	ROCK FILTER DAM (TYPE 1)	LF	160.0	50.00	8,000.00
36	751	SWPPP INSPECTION AND MAINTENANCE (MIN. BID OF \$3000.0/MO.)	MO	2.5	3,000.00	7,500.00

TOTAL BID PRICE:

\$ 649,700.80

**BID WILL BE AWARDED ON THE BASIS OF THE TOTAL BID PRICE SHOWN ON THIS PAGE.**

**2.0 SIGNATURES:** By signing this Document, I agree that I have received and reviewed all Addenda and considered all costs associated with the Addenda in calculating the Total Bid Price.

Bidder:

Durwood Greene Construction Co.  
(Print or type full name of your proprietorship, partnership, corporation, or joint venture.)

\*\*By:

Jerry L. Berry  
Signature

5-30-17  
Date

Name:

Jerry L. Berry  
Vice President

(Print or type name)

Title

Address:

P.O. Box 1338, Stafford, Texas 77497-1338  
(Mailing)

10126 Cosh Road, Stafford, Texas 77477  
(Street, if different)

Fax:

Telephone and Fax Number:

281-499-1551  
(Print or type numbers)

281-499-1525

\* If Bid is a joint venture, add additional Bid Form signature sheets for each member of the joint venture.

\*\* Bidder certifies that the only person or parties interested in this offer as principals are those named above. Bidder has not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding.

Note: This document constitutes a government record, as defined by § 37.01 of the Texas Penal Code. Submission of a false government record is punishable as provided in § 37.10 of the Texas Penal Code.

END OF DOCUMENT

**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.**Durwood Greene Construction Co.  
Stafford, TX United StatesCertificate Number:  
2017-215833Date Filed:  
05/31/2017

Date Acknowledged:

**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 Purchasing Agent

**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.**

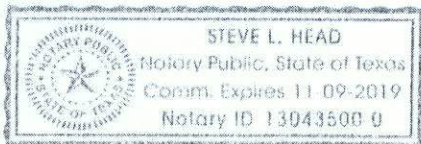
B17-076

Sycamore Road from Eaglewood Trail to Rabb Road

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Loughrie-Moore, Brandy	Stafford, TX United States		X
	Maynard, Stephen	Stafford, TX United States		X
	Berry, Jerry	Stafford, TX United States		X
	Greene, Jonathan	Stafford, TX United States	X	
	Greene, Daniel	Stafford, TX United States	X	
	Greene, Bradley	Stafford, TX United States	X	
	Greene, Jeffrey	Stafford, TX United States	X	
	Greene, Richard	Stafford, TX United States	X	

**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.

**Jerry L. Berry  
Vice President**

Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said Jerry L. Berry this the 31<sup>st</sup> day of May, 2017, to certify which, witness my hand and seal of office.

Signature of officer administering oath

STEVE L. HEAD

Printed name of officer administering oath

NOTARY PUBLIC

Title of officer administering oath

**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:**  
2017-215833

**Date Filed:**  
05/31/2017

**Date Acknowledged:**  
06/13/2017

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

Durwood Greene Construction Co.  
Stafford, 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 Purchasing Agent

**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.**

B17-076  
Sycamore Road from Eaglewood Trail to Rabb Road

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Loughrie-Moore, Brandy	Stafford, TX United States		X
	Maynard, Stephen	Stafford, TX United States		X
	Berry, Jerry	Stafford, TX United States		X
	Greene, Jonathan	Stafford, TX United States	X	
	Greene, Daniel	Stafford, TX United States	X	
	Greene, Bradley	Stafford, TX United States	X	
	Greene, Jeffrey	Stafford, TX United States	X	
	Greene, Richard	Stafford, TX United States	X	

**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