

3. **Time for Performance.** Time for performance for the Services provided under this Agreement shall begin with Engineer's receipt of Notice to Proceed and shall end no later than December 31, 2030. Engineer shall complete such tasks described in the Scope of Services, within this time or within such additional time as may be extended by County.

4. **Compensation and Payment Terms.**

Engineer's fees for the Services shall be calculated at the rate(s) set forth in Exhibit "A" attached hereto. The Maximum Compensation to Engineer for the Services performed under this Agreement is \$654,818.00. In no event shall the amount paid by County to Engineer under this Agreement exceed said Maximum Compensation without an approved change order.

(a) Engineer understands and agrees that the Maximum Compensation stated is an all-inclusive amount and no additional fee, cost or reimbursed expense shall be added whatsoever to the fees stated in the attached Exhibit "A."

(b) County will pay Engineer based on the following procedures: Upon completion of the tasks identified in the Scope of Services, Engineer shall submit to County staff person designated by the County Engineer, one (1) electronic (pdf) copy of the invoice showing the amounts due for services performed in a form acceptable to County. Engineer shall submit invoices no more frequently than on a monthly basis. County shall review such invoices and approve them within 30 calendar days with such modifications as are consistent with this Agreement and forward same to the Auditor for processing. County shall pay each such approved invoice within thirty (30) calendar days.

(c) Accrual and payment of interest on any overdue payments assessed by Engineer, if any, shall be governed by Chapter 2251 of the Texas Government Code.

(d) Engineer understands and agrees that County's obligation to make any payment(s) hereunder is dependent upon Engineer's completion of the Services in a timely, good, and professional manner and in accordance with the performance representations made in Section 25 of this Agreement. Therefore, County reserves the right to withhold payment pending verification of satisfactory work performed.

5. **Limit of Appropriation.** Engineer understands and agrees that the Maximum Compensation for the performance of the Services within the Scope of Services described in Section 2 above is \$654,818.00. In no event shall the amount paid by County under this Agreement exceed the Maximum Compensation without a County approved change order. Engineer clearly understands and agrees, such understanding and agreement being of the absolute essence of this Agreement, that County shall have available the total

maximum sum of \$654,818.00 specifically allocated to fully discharge any and all liabilities County may incur under this Agreement. Engineer does further understand and agree, said understanding and agreement also being of the absolute essence of this Agreement, that the total Maximum Compensation that Engineer may become entitled to and the total maximum sum that County may become liable to pay Engineer under this Agreement shall not under any conditions, circumstances, or interpretations thereof exceed \$654,818.00.

6. **Non-appropriation.** Engineer understands and agrees that in the event no funds or insufficient funds are appropriated by the County under this Agreement, County shall immediately notify Engineer in writing of such occurrence and the Agreement shall thereafter terminate and be null and void on the last day of the fiscal period for which appropriations were received or made without penalty, liability or expense to the County. In no event shall said termination of this Agreement or County's failure to appropriate said funds be deemed a breach or default of this Agreement or create a debt by County in any amount(s) in excess of those previously funded.
7. **Taxes.** Engineer understands and agrees that County is a governmental entity and political subdivision of the state of Texas, and as such, is exempt from payment of any sales and use taxes. County shall furnish evidence of its tax-exempt status upon written request by Engineer.
8. **Insurance.** Prior to commencement of the Services, Engineer shall furnish County with properly 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. Engineer shall provide certified copies of insurance endorsements and/or policies if requested by County. Engineer 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. Engineer shall obtain such insurance written on an Occurrence form 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:
 - (a) Workers Compensation in accordance with the laws of the State of Texas. Substitutes to genuine Workers' Compensation Insurance will not be allowed.
 - (b) 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.
 - (c) 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.

- (d) Business Automobile Liability coverage applying to owned, non-owned and hired automobiles with limits not less than \$1,000,000 each occurrence combined single limit for Bodily Injury and Property Damage combined.
- (e) Professional Liability insurance with limits not less than \$1,000,000.

County and members of the Fort Bend County Commissioners Court shall be named as additional insured to all required coverage except for Workers' Compensation and Professional Liability (if required). All Liability policies written on behalf of Engineer shall contain a waiver of subrogation in favor of County.

If required coverage is written on a claims-made basis, Engineer warrants that any retroactive date applicable to coverage under the policy precedes the Effective Date of this Agreement and that continuous coverage will be maintained or an extended discovery period will be exercised for a period of 2 years beginning from the time the work under this Agreement is completed.

Engineer shall not commence any portion of the work under this Agreement until it has obtained the insurance required herein and certificates of such insurance have been filed with and approved by County.

No cancellation of or changes to the certificates, or the policies, may be made without thirty (30) days prior, written notification to County.

Approval of the insurance by County shall not relieve or decrease the liability of the Engineer.

9. **Indemnity. PURSUANT TO SECTION 271.904 OF THE TEXAS LOCAL GOVERNMENT CODE, ENGINEER SHALL INDEMNIFY AND HOLD HARMLESS COUNTY, ITS OFFICIALS, OFFICERS, AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, LOSSES, DAMAGES, CAUSES OF ACTION, SUITS, LIABILITY, AND COSTS, INCLUDING THE REIMBURSEMENT OF REASONABLE ATTORNEY FEES, ARISING OUT OF OR RESULTING FROM AN ACT OF NEGLIGENCE, INTENTIONAL TORT, INTELLECTUAL PROPERTY INFRINGEMENT, OR FAILURE TO PAY A SUBCONTRACTOR OR SUPPLIER COMMITTED BY ENGINEER OR ENGINEER'S AGENTS, EMPLOYEES, OR ANOTHER ENTITY OVER WHICH ENGINEER EXERCISES CONTROL. IN ADDITION, ENGINEER SHALL PROCURE AND MAINTAIN LIABILITY INSURANCE WITH COVERAGE AS PROVIDED IN SECTION 8 OF THIS AGREEMENT.**

ENGINEER SHALL TIMELY REPORT TO COUNTY ALL SUCH MATTERS ARISING UNDER THE INDEMNITY PROVISIONS ABOVE. UPON THE RECEIPT OF ANY CLAIM, DEMAND, SUIT,

ACTION, PROCEEDING, LIEN, OR JUDGMENT, AND NO LATER THAN THE FIFTEENTH DAY OF EACH MONTH, ENGINEER SHALL PROVIDE COUNTY WITH A WRITTEN REPORT ON EACH 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 COUNTY REQUIRED BY ENGINEER IN THE DEFENSE OF EACH MATTER. 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 RESULTS FROM AN ACT OF NEGLIGENCE, INTENTIONAL TORT, INTELLECTUAL PROPERTY INFRINGEMENT, OR FAILURE TO PAY A SUBCONTRACTOR OR SUPPLIER COMMITTED BY ENGINEER, OR ITS AGENTS, EMPLOYEES, OR ANOTHER ENTITY OVER WHICH ENGINEER EXERCISES CONTROL, ENGINEER SHALL, NEVERTHELESS, 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 SAID ACTS AND/OR OMISSIONS OF ENGINEER ARE NOT AT ISSUE IN THE MATTER.

THE INDEMNITY PROVISIONS OF THIS SECTION SHALL SURVIVE THE TERMINATION OF THIS AGREEMENT HOWEVER CAUSED, AND NO PAYMENT, PARTIAL PAYMENT, OR ISSUANCE OF CERTIFICATION OF COMPLETION OF THE SERVICES UNDER THIS AGREEMENT BY COUNTY, WHETHER IN WHOLE OR IN PART, SHALL WAIVE OR RELEASE ANY OF THE PROVISIONS OF THIS SECTION.

10. **Public Information Act.** Engineer expressly acknowledges and agrees that County is a public entity and as such, is subject to the provisions of the Texas Public Information Act under Chapter 552 of the Texas Government Code. In no event shall County be liable to Engineer for release of information pursuant to Chapter 552 of the Texas Government Code or any other provision of law. Except to the extent required by law or as directed by the Texas Attorney General, County agrees to maintain the confidentiality of information provided by Engineer expressly marked as proprietary or confidential. County shall not be liable to Engineer for any disclosure of any proprietary or confidential information if such information is disclosed under Texas law or at the direction of the Texas Attorney General. Engineer further acknowledges and agrees that the terms and conditions of this Agreement are not proprietary or confidential information.
11. **Compliance with Laws.** Engineer shall comply with all federal, state, and local laws, statutes, ordinances, rules, regulations, and the decrees of any courts or administrative bodies or tribunals in any matter affecting the performance of this Agreement, including, without limitation, Worker's Compensation laws, minimum and maximum salary and wage statutes and regulations, licensing laws and regulations. Engineer, in providing all services hereunder, further agrees to abide by the provisions of any applicable Federal or State Data Privacy Act.

12. **Independent Contractor.** In the performance of work or services hereunder, Engineer shall be deemed an independent Contractor, and any of its agents, employees, officers, or volunteers performing work required hereunder shall be deemed solely as employees of Engineer. Engineer and its agents, employees, officers, or volunteers shall not, by performing work pursuant to this Agreement, be deemed to be employees, agents, or servants of County and shall not be entitled to any of the privileges or benefits of County employment.
13. **Use of Customer Name.** Engineer may use County's name without County's prior written consent only in Engineer's customer lists. Any other use of County's name by Engineer must have the prior written consent of County.
14. **County/County Data.** Nothing in this Agreement shall be construed to waive the requirements of Section 205.009 of the Texas Local Government Code.
15. **Personnel.** Engineer represents that it presently has, or is able to obtain adequate qualified personnel in its employment for the timely performance of the Services required under this Agreement and that Engineer shall furnish and maintain, at its own expense, adequate and sufficient personnel, in the opinion of County, to perform the Services when and as required and without delays.

All employees of Engineer shall have such knowledge and experience as will enable them to perform the duties assigned to them. Any employee or agent of Engineer who, in County's opinion, is incompetent or by his conduct becomes detrimental to providing Services pursuant to this Agreement, shall, upon request of County, immediately be removed from association with the Services required under this Agreement.

When performing Services on-site at County's facilities, Engineer shall comply with, and will require that all Engineer's Personnel comply with, all applicable rules, regulations and known policies of County that are communicated to Engineer in writing, including security procedures concerning systems and data and remote access thereto, building security procedures, including the restriction of access by County to certain areas of its premises or systems for security reasons, and general health and safety practices and procedures.

16. **Confidential and Proprietary Information.** Engineer acknowledges that it and its employees or agents may, in the course of performing their responsibilities under this Agreement, be exposed to or acquire information that is confidential to County. Any and all information of any form obtained by Engineer or its employees or agents from County in the performance of this Agreement shall be deemed to be confidential information of County ("Confidential Information"). Any reports or other documents or items (including software) that result from the use of the Confidential Information by Engineer shall be treated with respect to confidentiality in the same manner as the Confidential Information. Confidential Information shall be deemed not to include information that (a) is or becomes (other than by disclosure by Engineer) publicly known or is contained in

a publicly available document; (b) is rightfully in Engineer's possession without the obligation of nondisclosure prior to the time of its disclosure under this Agreement; or (c) is independently developed by employees or agents of Engineer who can be shown to have had no access to the Confidential Information.

Engineer agrees to hold Confidential Information in strict confidence, using at least the same degree of care that Engineer uses in maintaining the confidentiality of its own confidential information, and not to copy, reproduce, sell, assign, license, market, transfer or otherwise dispose of, give, or disclose Confidential Information to third parties or use Confidential Information for any purposes whatsoever other than the provision of Services to County hereunder, and to advise each of its employees and agents of their obligations to keep Confidential Information confidential. Engineer shall use its best efforts to assist County in identifying and preventing any unauthorized use or disclosure of any Confidential Information. Without limitation of the foregoing, Engineer shall advise County immediately in the event Engineer learns or has reason to believe that any person who has had access to Confidential Information has violated or intends to violate the terms of this Agreement and Engineer will at its expense cooperate with County in seeking injunctive or other equitable relief in the name of County or Engineer against any such person. Engineer agrees that, except as directed by County, Engineer will not at any time during or after the term of this Agreement disclose, directly or indirectly, any Confidential Information to any person, and that upon termination of this Agreement or at County's request, Engineer will promptly turn over to County all documents, papers, and other matters in Engineer's possession which embody Confidential Information.

Engineer acknowledges that a breach of this Section, including disclosure of any Confidential Information, or disclosure of other information that, at law or in equity, ought to remain confidential, will give rise to irreparable injury to County that is inadequately compensable in damages. Accordingly, County may seek and obtain injunctive relief against the breach or threatened breach of the foregoing undertakings, in addition to any other legal remedies that may be available. Engineer acknowledges and agrees that the covenants contained herein are necessary for the protection of the legitimate business interest of County and are reasonable in scope and content.

Engineer in providing all services hereunder agrees to abide by the provisions of any applicable Federal or State Data Privacy Act.

17. **Ownership and Reuse of Documents.** All work product and data produced or developed under this Agreement by Engineer including any documents, data, notes, reports, research, graphic presentation materials, and any other related material (collectively, "Materials"), shall at all times be the property of County. County, at all times, shall have a right of access to the Materials. Engineer shall promptly furnish and deliver all such Materials to County on request. Notwithstanding the foregoing, Engineer shall bear no liability or responsibility for Materials that have been modified post-delivery to County or

used by County for a purpose other than that for which they were prepared under this Agreement.

18. **Inspection of Books and Records.** Engineer shall permit County, or any duly authorized agent of County, to inspect and examine the books, records, information, and documentation (collectively, "Records") of Engineer which relate to the Services provided under this Agreement for the purposes of making audits, examinations, excerpts, copies, and transcriptions. Engineer shall maintain all such Records in a readily available state and location, reasonably accessible to County or their authorized representatives. County's right to inspect such books and records shall survive the termination of this Agreement for a period of four (4) years, or until any litigation concerning any of the Services has been satisfactorily resolved, whichever occurs later. **ENGINEER SHALL NOT DESTROY OR DISCARD ANY RECORDS REASONABLY RELATED TO THIS AGREEMENT OR THE SERVICES, UNLESS THE TIME PERIOD FOR MAINTAINING THE SAME HAS EXPIRED.**

19. **Termination.**

(a) Without Cause. County, in its sole discretion, and without prejudice to any other remedy to which it may be entitled to at law or in equity, may terminate this Agreement, in whole or in part, without cause, upon thirty (30) days prior written notice to Engineer.

(b) With Cause. County, in its sole discretion, and without prejudice to any other remedy to which it may be entitled to at law or in equity, may terminate this Agreement, in whole or in part, with cause, for any of the following reasons, each of which shall constitute a material breach and "Default" of the Agreement:

(1) Engineer fails to perform any portion of the Scope of Services within the timeframe(s) provided under this Agreement.

(2) Engineer fails to comply with County's documentation and reporting requirements, terms and requirements of this Agreement, or applicable federal, state, or local laws and regulations.

(3) Non-performance and suspension of the Agreement by Engineer that exceeds thirty (30) calendar days due to Force Majeure.

(4) Engineer fails to perform any obligation under this Agreement or as required by law, ordinance, or regulation and such failure creates an imminent threat to the public health and/or safety.

(5) Engineer otherwise materially breaches any of the covenants or terms and conditions set forth in this Agreement or fails to perform any of the other

provisions of this Agreement or so fails to make progress as to endanger performance of this Agreement in accordance with its terms.

- (6) County shall notify Engineer in writing of the alleged Default in reasonable detail (“Notice”). Upon receipt of said Notice, Engineer shall have opportunity to cure such Default within the time specified in the Notice by County. If Engineer fails to cure such Default within such time, and to the reasonable satisfaction of County, then County may elect to terminate this Agreement for cause.
 - (7) If, after termination of the Agreement by County for cause, it is determined for any reason whatsoever that Engineer was not in Default, or that the Default was excusable, the rights and obligations of the Parties hereunder shall be the same as if the termination had been issued by County without cause in accordance with this Agreement.
- (c) Upon termination of this Agreement for any reason, Engineer shall cease all work and activity for the Services by the date specified by County and shall not incur any new obligations or perform any additional services for the work performed hereunder beyond the specified date. County shall compensate Engineer in accordance with Section 4, above, for such work provided by Engineer under this Agreement prior to its termination and which has not been previously presented for payment by Engineer to County.
 - (d) If County terminates this Agreement as provided in this Section, no fees of any type, other than fees due and payable at the termination date, shall thereafter be paid to Engineer.
20. **Force Majeure.** In the event either Party is rendered unable, wholly or in part, by Force Majeure to carry out any of its obligations under this Agreement, then, within a reasonable time after the occurrence of such event, but no later than ten (10) calendar days after, the Party whose obligations are so affected (the “Affected Party”) thereby shall notify the other in writing stating the nature of the event and the anticipated duration. The Affected Party’s obligations under this Agreement shall be suspended during the continuance of any delay or inability caused by the event, but for no longer period. The Affected Party shall further endeavor to remove or overcome such delay or inability as soon as is reasonably possible.

For purposes of this Agreement, Force Majeure includes, but is not limited to: acts of God, strikes, lockouts, or other industrial disturbances, acts of the public enemy, orders of any kind of the government of the United States of America or the State of Texas or any civil or military authority other than a Party to this Agreement, insurrections, riots,

epidemics, landslides, lightning, earthquakes, fires, hurricanes, severe storms, floods, washouts, drought, arrests, restraint of government and people, civil disturbances, explosions, breakage or accidents to machinery, pipelines or canals, and any other incapacities of any Party, similar to those enumerated, which are not within the control of the Party claiming such inability, which such Party could not have avoided by the reasonable exercise of due diligence and care.

- 21. **Assignment.** Engineer shall not assign this Agreement to another party without the prior written consent of County, which consent shall not be unreasonably withheld, conditioned, or delayed. Any purported or attempted assignment or transfer in violation of this Section shall be null and void.
- 22. **Successors and Assigns Bound.** County and Engineer each bind themselves and their successors and assigns to the other Party and to the successors and assigns of such other Party, with respect to all covenants of this Agreement.
- 23. **Publicity.** Contact with citizens of Fort Bend County, media outlets, or other governmental agencies shall be the sole responsibility of County. Under no circumstances, whatsoever, shall Engineer release any material or information developed or received during the performance of Services hereunder unless Engineer obtains the express written approval of County or is required to do so by law.
- 24. **Notice.** Any and all notices required or permitted under this Agreement shall be in writing and shall be mailed by certified mail, return receipt requested, or personally delivered to the following addresses:

If to County: Fort Bend County Engineering
Attn: County Engineer
301 Jackson Street, 4th Floor
Richmond, Texas 77469

And

Fort Bend County, Texas
Attn: County Judge
401 Jackson Street, 1st Floor
Richmond, Texas 77469

If to Engineer: Midtown Engineers, LLC
5225 Katy Fwy
Suite 400
Houston, Texas 77007

Within five (5) business days of the Effective Date of this Agreement, each Party to this Agreement shall designate in writing to the other Party one person and one alternate person to be that Party's designated spokesperson for communications between the Parties.

25. **Standard of Care.** Pursuant to Section 271.904 of the Texas Local Government Code, Engineer represents to County that Engineer has the skill and knowledge ordinarily possessed by well-informed members of its trade or profession ("Professionals") practicing in the greater Houston metropolitan area. Engineer shall provide the Services to County with the same professional skill and care ordinarily provided by such Professionals under the same or similar circumstances and professional license and as expeditiously as is prudent considering the ordinary professional skill and care of a competent Professional.
26. **Travel Policy.** Mutually approved travel and mileage expenses incurred in the performance of the Services hereunder will be reimbursed to Engineer only to the extent that those costs do not exceed Fort Bend County travel reimbursement allowances. A copy of County's Travel Policy with those reimbursement limits shall be provided to Engineer upon request.
27. **Arbitration, Litigation Waiver, and Attorney Fees.** County does not agree to submit disputes arising out of this Agreement to binding arbitration nor does County agree to pay any and/or all attorney fees incurred by Engineer in any way associated with this Agreement. Therefore, any references in Engineer's Proposal to binding arbitration, waiver of a right to litigate a dispute, or payment of attorney fees are hereby deleted.
28. **No Waiver of Jury Trial.** County does not agree that all disputes (including any claims or counterclaims) arising from or related to this Agreement shall be resolved without a jury. Therefore, any references in Engineer's Proposal to County's waiver of jury trial are hereby deleted.
29. **Limitations.** Limitations for the right to bring an action, regardless of form, shall be governed by the applicable laws of the State of Texas, and any provisions to the contrary in Engineer's Proposal are hereby deleted.
30. **Indemnification by County. ENGINEER UNDERSTANDS AND AGREES THAT UNDER THE TEXAS CONSTITUTION AND THE LAWS OF THE STATE OF TEXAS, COUNTY CANNOT ENTER INTO AN AGREEMENT WHEREBY COUNTY AGREES TO INDEMNIFY OR HOLD HARMLESS ANOTHER PARTY. THEREFORE, ANY AND ALL REFERENCES IN ENGINEER'S PROPOSAL TO COUNTY DEFENDING, INDEMNIFYING, OR HOLDING OR SAVING HARMLESS ENGINEER OR ANY OTHER PARTY, FOR ANY REASON WHATSOEVER, ARE HEREBY DELETED.**

31. **Entire Agreement and Modification.** This Agreement constitutes the entire Agreement between the Parties and supersedes all previous agreements, written or oral, pertaining to the subject matter of this Agreement. Any amendment to this Agreement must be in writing and signed by each Party to come into full force and effect. **IT IS ACKNOWLEDGED BY ENGINEER THAT NO OFFICER, AGENT, EMPLOYEE, OR REPRESENTATIVE OF COUNTY HAS ANY AUTHORITY TO CHANGE THE TERMS OF THIS AGREEMENT OR ANY ATTACHED EXHIBITS HERETO UNLESS EXPRESSLY AUTHORIZED BY THE FORT BEND COUNTY COMMISSIONERS COURT.**
32. **Conflict.** In the event there is a conflict among the terms of this document entitled “Agreement for Professional Engineering Services” and the terms of Engineer’s Proposal or any other exhibit attached hereto, the terms of this document shall prevail with regard to the conflict.
33. **Understanding Fair Construction.** By execution of this Agreement, the Parties acknowledge that they have read and understood each provision, term, and obligation contained herein. This Agreement, although drawn by one party, shall be construed fairly and reasonably and not more strictly against the drafting Party than the non-drafting Party.
34. **Severability.** In case any one or more of the provisions contained in this Agreement 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 this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.
35. **No Waiver of Immunity.** Neither the execution of this Agreement nor any other conduct of either Party relating to this Agreement shall be considered a waiver or surrender by County of its governmental powers or immunity under the Texas Constitution or the laws of the state of Texas.
36. **Applicable Law and Venue.** This Agreement shall be construed according to the laws of the state of Texas. Venue for any claim arising out of or relating to the subject matter of this Agreement shall lie in a court of competent jurisdiction of Fort Bend County, Texas.

37. **Certain State Law Requirements for Contracts** The contents of this Section are required by Texas law and are included by County regardless of content For purposes of Sections 2252.152, 2271.002, and 2274.002, Texas Government Code, as amended, Engineer hereby verifies that Engineer and any parent company, wholly owned subsidiary, majority-owned subsidiary, and affiliate:
- (a) Unless affirmatively declared by the United States government to be excluded from its federal sanctions regime relating to Sudan or Iran or any federal sanctions regime relating to a foreign terrorist organization, Engineer is not identified on a list prepared and maintained by the Texas Comptroller of Public Accounts under Section 806.051, 807.051, or 2252.153 of the Texas Government Code.
 - (b) If employing ten (10) or more full-time employees and this Agreement has a value of \$100,000.00 or more, Engineer does not boycott Israel and is authorized to agree in such contracts not to boycott Israel during the term of such contracts. "Boycott Israel" has the meaning provided in § 808.001 of the Texas Government Code.
 - (c) If employing ten (10) or more full-time employees and this Agreement has a value of \$100,000.00 or more, Engineer does not boycott energy companies and is authorized to agree in such contracts not to boycott energy companies during the term of such contracts. "Boycott energy company" has the meaning provided in § 809.001 of the Texas Government Code.
 - (d) If employing ten (10) or more full-time employees and this Agreement has a value of \$100,000.00 or more, Engineer does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and is authorized to agree in such contracts not to discriminate against a firearm entity or firearm trade association during the term of such contracts. "Discriminate against a firearm entity or firearm trade association" has the meaning provided in § 2274.001(3) of the Texas Government Code. "Firearm entity" and "firearm trade association" have the meanings provided in § 2274.001(6) and (7) of the Texas Government Code.
38. **Human Trafficking. BY ACCEPTANCE OF THIS AGREEMENT, ENGINEER ACKNOWLEDGES THAT FORT BEND COUNTY IS OPPOSED TO HUMAN TRAFFICKING AND THAT NO COUNTY FUNDS WILL BE USED IN SUPPORT OF SERVICES OR ACTIVITIES THAT VIOLATE HUMAN TRAFFICKING LAWS.**
39. **Captions.** The section captions used in this Agreement are for convenience of reference only and do not affect the interpretation or construction of the Agreement.

40. **Electronic and Digital Signatures.** The Parties to this Agreement agree that any electronic and/or digital signatures of the Parties included in this Agreement are intended to authenticate this writing and shall have the same force and effect as the use of manual signatures.
41. **Multiple Counterparts.** This Agreement may be executed in multiple counterparts, each having equal force and effect of an original.
42. **Certification.** By his or her signature below, each signatory individual certifies that he or she is the properly authorized person or officer of the applicable Party hereto and has the requisite authority necessary to execute this Agreement on behalf of such Party, and each Party hereby certifies to the other that it has obtained the appropriate approvals or authorizations from its governing body as required by law.

IN WITNESS WHEREOF, and intending to be legally bound, County and Engineer hereto have executed this Agreement to be effective on the date signed by the last Party hereto.

{Execution Page Follows}

FORT BEND COUNTY, TEXAS

MIDTOWN ENGINEERS, LLC

KP George, County Judge

Will Barnett, PE
Authorized Agent – Signature

Date

Will Barnett, PE
Authorized Agent- Printed Name

ATTEST:

Sr VP - Director of Central Operations
Title

Laura Richard, County Clerk

9/29/25
Date

APPROVED:

J. Stacy Slawinski
J. Stacy Slawinski, County Engineer

AUDITOR'S CERTIFICATE

I hereby certify that funds in the amount of \$_____ are available to pay the obligation of Fort Bend County, Texas within the foregoing Agreement.

Robert Ed Sturdivant, County Auditor

EXHIBIT A

(Follows Behind)



August 27, 2025

Mark C. Dessens, P.E.
Project Manager
Schaumburg & Polk, Inc.
11767 Katy Freeway, Suite 900
Houston, TX 7779

Re: Engineering Services Proposal for Design of Traffic Circle at University Boulevard at W. Avalon and University Boulevard at E. Avalon, Fort Bend County Precinct 3

Dear Mr. Dessens:

We are pleased to present this **REVISED** proposal to provide engineering services for the above-mentioned project. The scope of work includes providing topographic and ROW determination survey, geotechnical evaluation, drainage evaluation, preliminary and final design of a traffic circle at both intersections.

The Midtown Engineers' team is comprised of the following firms and responsibilities:

- UES Professional Solutions – Geotechnical Evaluation
- Western Group Consultants – Surveying

SCOPE OF WORK – The scope of work to be provided is divided between Preliminary Phase, Design Phase, and Bid and Construction Phase. Scope of work includes:

- Topographic survey
- Utility research, investigation and coordination
- Preliminary Phase Engineering Services
- Geotechnical Evaluation
- Hydrology and Hydraulics evaluation and mitigation requirements
- Traffic Control Plans
- Signing and Pavement Markings
- Illumination
- Irrigation
- Storm Water Pollution Prevention Plan
- Design Phase Engineering Services
- Bid Phase Services

SUBCONSULTANT PROPOSALS – Proposals from the selected subconsultants are provided at Exhibit A-1 and A-2.

COMPENSATION – Total compensation for Professional Services is attached as Exhibit B. Tasks performed under Study Phase/Preliminary Engineering and Design Phase will be billed lump sum. Tasks performed under Bid and Construction Phase will be billed Time and Materials.

SCHEDULE – A project schedule is attached as Exhibit C.



Please call if additional information is required.

Sincerely,

Midtown Engineers, LLC

A handwritten signature in blue ink that reads 'Joel R. Colwell'.

Joel R. Colwell, P.E.
Principal





WESTERN GROUP CONSULTANTS
LAND SURVEYORS

Exhibit A-1

August 27, 2025

Mr. Joel R. Colwell, P.E.
MIDTOWN ENGINEERS
5225 Katy Freeway, Suite 400
Houston, Texas 77007

RE: Topographic Survey

Fort Bend County Project No. 23307: University Boulevard @ West Avalon Drive
Fort Bend County Project No. 23308: University Boulevard @ East Avalon Drive

Dear Mr. Colwell:

Western Group Consultants is pleased to submit this proposal for surveying services on the above reference project, as follows:

A) General Limits:

Topographic survey will be performed for the east bound and west bound lanes of University Boulevard, and for the portions of West Avalon Drive and East Avalon Drive as outlined on the aerial map you have provided. The entire median between the east bound and west bound lanes will be surveyed. Survey will extend from right-of-way to right-of-way and up to the brick walls.

B) Horizontal and Vertical Control Survey:

1. Survey will be referenced to Texas State Plane Coordinate System, South Central Zone 4204 (NAD 83). Elevations will be based upon NAVD 88, 2001 Adjustment. Survey will also adhere to the Fort Bend County Design Requirements and the Manual of Practice for Land Surveying in the State of Texas.
2. Establish survey baselines and temporary benchmarks.
3. Provide signed/sealed survey control maps.

C) Existing Right-of-Way Survey:

1. Survey will be performed to a Category 1B Condition 2, minimum
2. Abstract research to determine existing rights-of-way for each street.
3. Tie in property corners and block corners to define the existing rights-of-ways.
4. Provide signed/sealed right-of-way map of the existing right-of-way.

D) Topographic Field Survey:

1. Survey will be performed to a Category 6, Condition 2
2. Survey will locate all public and private utilities, manholes, inlets, culverts, pipeline markers, utility markers, gas valves, water meter boxes, water valves, fire hydrants, power poles, down guys, overhead cables, pedestals, fences, signs, trees 4 inches and larger, shrubs and all above ground features.
3. Perform cross sections at 100-foot intervals, including spot shots and break lines.

(See page 2 of 3)



**RE: Topographic Survey
Proposal cont'd**

E) Office Services:

1. Prepare topographic plan view maps of existing topographic features, including all overhead and underground utility lines. Drawings will be prepared in roll format.
2. Prepare survey control maps, and maps of the existing rights-of-ways for each street.

F) Billing Rates:

3-man survey crew	\$166.00
RPLS – Project Manager	\$185.00
CAD Drafter	\$ 88.00
Survey Technician	\$ 88.00
Abstract Research	\$ 78.00

G) BUDGET - Horizontal and Vertical Control Survey (Item B):

3-man survey crew @ \$166.00 per hour x 40 hours	= \$ 6,640.00
CAD drafter @ \$88.00 per hour x 40 hours	= \$ 3,520.00
Survey Technician @ \$88.00 per hour x 16 hours	= \$ 1,408.00
RPLS @ \$185.00 per hour x 8 hours	= \$ 1,480.00
Subtotal (G)	= \$13,048.00

H) BUDGET - Existing right-of-way Survey (Item C):

3-man survey crew @ \$166.00 per hour x 16 hours	= \$ 2,656.00
CAD drafter @ \$88.00 per hour x 40 hours	= \$ 3,520.00
Survey Technician @ \$88.00 per hour x 16 hours	= \$ 1,408.00
RPLS @ \$185.00 per hour x 16 hours	= \$ 2,960.00
Abstract Research @ \$78.00 per hour x 12 hours	= \$ 936.00
Subtotal (I)	= \$11,480.00

I) BUDGET - Topographic Field Survey (Item D):

3-man survey crew @ \$166.00 per hour x 112 hours	= \$18,592.00
Survey Technician @ \$88.00 per hour x 24 hours	= \$ 2,112.00
RPLS @ \$185.00 per hour x 16 hours	= \$ 2,960.00
Subtotal (I)	= \$23,664.00

J) BUDGET - Office Services (Item E):

CAD drafter @ \$88.00 per hour x 80 hours	= \$ 7,040.00
Survey Technician @ \$88.00 per hour x 24 hours	= \$ 2,112.00
RPLS @ \$185.00 per hour x 16 hours	= \$ 2,960.00
Subtotal (K)	= \$12,112.00

Total Survey Cost (items G, H, I, and J) = \$60,304.00

(See page 3 of 3)



**RE: Topographic Survey
Proposal cont'd**

K) Optional Services:

1. Reset Controls for Construction:

3-man survey crew @ \$166.00 per hour x 32 hours	= \$5,312.00
Survey Technician @ \$88.00 per hour x 16 hours	= \$1,408.00
RPLS @ \$185.00 per hour x 8 hours	= <u>\$1,480.00</u>
Cost	= <u>\$8,200.00</u>

2. Parcels:

Parcel Takings - performed to Category 1A, Condition 2
Prepare parcel maps, metes and bounds descriptions, and set rods for each easement parcel.

3-man survey crew @ \$166.00 per hour x 6 hours	= \$ 996.00
CAD drafter @ \$88.00 per hour x 8 hours	= \$ 704.00
RPLS @ \$185.00 per hour x 4 hours	= \$ 740.00
Deed Abstracting @ \$78.00 per hour x 4 hours	= <u>\$ 312.00</u>
Total unit cost per parcel	= <u>\$2,752.00</u>

L) SCHEDULE:

Topographic maps for each street will be delivered upon completion. All topographic maps and CAD files will be provided within 60 working days from the date of notice to proceed.

Western Group Consultants appreciates your request for this proposal. If you need any additional information, please do not hesitate to contact me at (713) 884-5344 or via email: ray@wgcsurvey.com.

Thank you,
Western Group Consultants


Raymond Rahaman, RPLS
President



August 26, 2025

Midtown Engineers, LLC
5225 Katy Freeway, Suite 400
Houston, TX 77007
Attention: Joel Colwell, P.E.

Re: Proposal for Geotechnical Exploration
University at Avalon Roundabouts
University Boulevard
Sugar Land, Texas 77479
UES Proposal No. 110488 Rev 1

UES PROFESSIONAL SOLUTIONS 44, LLC (hereinafter "UES") is hereby pleased to submit to **Midtown Engineers, LLC (hereinafter "Client")** the following proposal for a Geotechnical Exploration on the project referenced above.

Project Information

The project consists of two (2) roundabouts, along with associated road improvements and storm sewer installation (up to 10 feet deep) along University Boulevard.

Assumptions

Our proposal assumes and is based upon the following:

- The site is readily accessible.
- The site does not require clearing for boring access.
- Traffic control and lane closure permit will be required.
- Traffic load information will be provided by the client.
- **UES will contact 811 call to locate public underground utilities prior to drilling work.**
- **If requested, a 3rd Party Private Utility Locator may be called in by UES to clear the boring locations prior to drilling work at an additional fee.**
- The boring locations can be accessed by a truck-mounted drilling rig.
- The boring locations are covered by concrete.

Scope of Work

This study will include the following evaluations:

- Subsurface and groundwater conditions encountered at the boring locations.
- Paving recommendations.
- Earthwork recommendations, including material and compaction requirements.
- Construction considerations related to soil and groundwater conditions at the borings.

We propose to explore the subsurface soil conditions at the site by drilling test borings. It is estimated the necessary information will be provided by drilling a total of **twenty-three (23)** test borings at locations and depths listed in Table A.

TABLE A Summary of Drilling Locations and Depths		
Location	No. of Borings	Anticipated Depth(s) of Borings (ft)
West Intersection	11	20
East Intersection	12	20
Totals	23	460

At the completion of drilling operations, boreholes will be backfilled and plugged with soil cuttings, and any pavement that is penetrated will be patched with similar material. Settlement of boreholes may occur over time. UES shall not be responsible for any settlement of boreholes that may occur after initial backfilling. The number and depth of the test borings required to obtain the necessary field data may vary depending on the actual soil conditions encountered. If unusual subsurface conditions are encountered and alternate field work is indicated, we will consult with the client prior to initiating any additional services. Please note, regardless of the number of borings performed subsurface conditions between borings may vary.

The study will also include laboratory tests to evaluate the classification, gradation and certain physical characteristics of the subsurface soils. The specific types and quantities of tests will be determined based on soil conditions encountered in the borings. Our laboratories are fully equipped with modern equipment for soil testing and tests are performed by trained qualified technicians in compliance with the applicable specifications. Field exploration programs are conducted with drilling equipment operated by experienced and reliable drillers. All field and laboratory staff are supervised by professional engineers.

Results of the field exploration and laboratory tests will be utilized in the engineering analysis and the formulation of our recommendations. Results of our study, including the substantiating data and our recommendations, will be presented in a written report prepared by a Licensed Professional Engineer.

Fees and Schedule

Our fee for performance of the geotechnical study on the site described will be as noted in Table B. We guarantee not to exceed this figure without your approval. Boring operations would commence within about 2 weeks from your notification to proceed. The complete written report would be electronically sent to you within about 2 to 3 weeks following completion of the boring operations.

TABLE B Summary of Fees and Schedule	
Lump Sum Total	\$21,435.00
Estimated Time to Complete Study²	5 weeks
Optional Items: Private Utility Locating ³	\$2,000.00
Optional Items: Traffic Control Services (estimated duration: 5 to 6 days)	\$2,500.00 / day
¹ This pricing assumes test boring locations can be accessed using standard, truck-mounted drilling equipment and drilling will occur during regular business hours (Mon – Fri, 7:00 AM to 6:00 PM). Weekend or after-hours drilling will incur additional charges. If difficult site conditions are encountered, an All-Terrain Drilling Unit could be provided for an additional fee.	
² Inclement weather could result in delays to the referenced boring operations schedule.	
³ Ground Penetrating Radar (GPR) services will be performed to aid in locating below-grade utilities. This service is an increased level of due diligence in conjunction with Texas One-Call clearance; however, it does not guarantee the absence of below-grade utility conflicts. Client understands UES is not responsible for damage to below grade utilities.	

The above cost estimate is valid for 90 days and is based on Client providing suitable access and entry to test boring locations during normal business hours. Client represents that it has full authority from the current landowner to engage UES to perform this study. Surveying of boring locations and elevations is not included in the cost estimate, but can be provided if needed upon request. **Any additional fees noted above will be discussed with the Client prior to proceeding.**

Prior to start of drilling, UES will contact Texas One-Call utility clearance (Texas811) to mark and clear utilities at the boring locations. The Client shall provide any known site-specific utility information upon

acceptance of this proposal. UES is not responsible for damage to below grade utilities.

The Geotechnical Exploration Report will be prepared exclusively for the use of the Client and reliance under the attached "Terms and Conditions". Report reliance by any other party is prohibited without the written authorization by the Client and UES. Reliance on the Geotechnical Exploration Report by all authorized parties is subject to the terms, conditions, and limitations stated in UES's attached "Terms and Conditions" and the final Geotechnical Exploration Report. **UES may agree to extend reliance to additional parties for an additional fee of \$400 per reliance entity.**

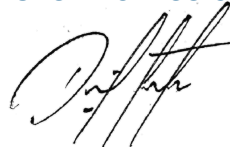
If this Proposal is acceptable, please have an authorized officer sign in the space provided below in the **Proposal Acceptance Form** and return a signed copy via either email or fax, or the signed original to our office. We will consider receipt of a signed original or copy of this Proposal as our Notice to Proceed. Work cannot be initiated prior to receiving a signed copy of this Proposal. If a copy is e-mailed or faxed, client consents to such copy of a signature, or electronic signature, as serving as an original signature. Unless prior arrangements are agreed to in writing, payment for services described in this Proposal is due within 30 days of invoice date. Payment of the invoice is not contingent on Client's agreement or acceptance of UES's design recommendations or report discussion. If CLIENT objects to any portion of an invoice or report, it shall notify UES in writing within ten (10) days from the date of actual receipt of the invoice of the amount and nature of the dispute, and shall timely pay undisputed portions of the invoice.

By execution of this Proposal, the undersigned Client acknowledges and agrees that the attached "Terms and Conditions" have been provided or made available to Client and Client agrees that such Terms and Conditions shall be applied to the present Proposal and shall be fully binding upon Client. The Terms and Conditions are attached to this proposal as "Exhibit A" and are fully incorporated into this Proposal by reference as if set forth herein.

Thank you for this opportunity to offer our services. We look forward to working with you on this project.

Sincerely,

UES PROFESSIONAL SOLUTIONS 44, LLC



Daniel Toto
Project Manager

Attachments: Proposal Acceptance Form
General Conditions - Texas

Prepared By: Midtown Engineers

	No. Sheets	Hrs/Sheet	Principal/ Group Lead	Project Manager	Sr. Project Engineer	Project Engineer	Designer	CAD	Sub-total Man- hours	Subtotal (Cost \$)
Billing Rate per Hour			\$ 280.00	\$ 210.00	\$ 195.00	\$ 170.00	\$ 145.00	\$ 125.00		
Task Description										
1. PRELIMINARY ENGINEERING										
Level of Effort										
a. PROJECT MANAGEMENT and MEETINGS										
Project Controls, Scheduling, Management, Invoicing			16	32	24	16			88	\$ 18,600.00
Project Kick Off Meeting			4	4	4				12	\$ 2,740.00
Subtotal - Project Management and Meetings										\$ 21,340.00
b. ROADWAY										
Existing and Proposed Typical Sections	8	8	2	8	8	12	16	16	62	\$ 10,160.00
Strip Map of the Alignment (2 locations)			2	8	16	24	40	24	114	\$ 18,240.00
Horizontal Conceptual Layout Alternatives (Assume 2/location)			4	24	40	60	24	16	168	\$ 29,640.00
Vertical Conceptual Layout Alternatives (Assume 2/location)			2	8	16	16	8	8	58	\$ 10,240.00
Sight Distance Evaluations and Exhibits			1	4	8	16	16	12	57	\$ 9,220.00
Recommended Drainage Facilities Design			4	8	16	24	24	16	92	\$ 15,480.00
Overall TCP Sequence and Phasing Development			1	8	16	32	16	16	89	\$ 14,840.00
AutoTurn Analysis of recommended geometry			2	4	8	16	8	8	38	\$ 6,840.00
Preliminary Drainage Analysis/Storm Sewer Calculations			8	16	32	40	16	8	120	\$ 21,960.00
Subtotal - Roadway										\$ 136,620.00
c. UTILITY COORDINATION										
Basic										
Identification/Verification of Utilities and Pipelines			2	4	24				30	\$ 6,080.00
Utility Contact and Conflict Table				4	16	16	8		44	\$ 7,840.00
Subtotal Utility Coordination										\$ 13,920.00
d. DELIVERABLES										
30% Design Submittal										
- 30% Design Review Package			4	8	12	24	24	16	88	\$ 14,700.00
- Traffic Control Overview Concepts			2	8	8	16	12	4	50	\$ 8,760.00
- Quantities and Cost Estimates				8	8	16	8		40	\$ 7,120.00
Client Presentation			4	16	24		16	8	68	\$ 12,480.00
Post-Client Presentation and Address Comments			2	8		16	16	8	50	\$ 8,280.00
Subtotal Deliverables										\$ 51,340.00
Subtotal Midtown Engineers - Preliminary Phase										\$ 223,220.00
e. GEOTECHNICAL										
Planning			Provided by subconsultant UES Professional Solutions							\$ 880.00
Field Investigations			Provided by subconsultant UES Professional Solutions							\$ 13,495.00
Laboratory			Provided by subconsultant UES Professional Solutions							\$ 2,930.00
Boring Log Preparation			Provided by subconsultant UES Professional Solutions							\$ 1,610.00
Analysis and Report			Provided by subconsultant UES Professional Solutions							\$ 2,520.00
Geotechnical Coordination			2	4	4	2	2		14	\$ 2,810.00
Subtotal Geotechnical										\$ 24,245.00

EXHIBIT B: PROPOSED BUDGET

Fort Bend County Precinct 3

University Blvd. at W. Avalon Dr. and University Blvd. at E. Avalon Dr.

	No. Sheets	Hrs/Sheet	Principal/ Group Lead	Project Manager	Sr. Project Engineer	Project Engineer	Designer	CAD	Sub-total Man- hours	Subtotal (Cost \$)
Billing Rate per Hour			\$ 280.00	\$ 210.00	\$ 195.00	\$ 170.00	\$ 145.00	\$ 125.00		
f. SURVEYING										
Onsite										
Control Survey			Provided by subconsultant Western Group Consultants							\$ 13,048.00
Existing Right-of-Way			Provided by subconsultant Western Group Consultants							\$ 11,480.00
Topographic Survey			Provided by subconsultant Western Group Consultants							\$ 23,664.00
Office Services			Provided by subconsultant Western Group Consultants							\$ 12,112.00
Surveying Coordination			2	8	16	4			30	\$ 6,040.00
Subtotal Surveying										\$ 66,344.00
g. OPTIONAL ADDITIONAL SERVICES										
Geotechnical										
Traffic Control for drilling operation			Provided by subconsultant UES Professional Solutions							\$ 15,000.00
Utility Locating			Provided by subconsultant UES Professional Solutions							\$ 2,000.00
Surveying										
Parcel Takings (2 @ \$2,752)			Provided by subconsultant Western Group Consultants							\$ 5,504.00
Subtotal Optional Additional Services										\$ 22,504.00
TOTAL 1. STUDY PHASE / PRELIMINARY ENGINEERING			64	192	300	350	254	152		\$ 336,313.00

EXHIBIT B: PROPOSED BUDGET

Fort Bend County Precinct 3

University Blvd. at W. Avalon Dr. and University Blvd. at E. Avalon Dr.

	No. Sheets	Hrs/Sheet	Principal/ Group Lead	Project Manager	Sr. Project Engineer	Project Engineer	Designer	CAD	Sub-total Man- hours	Subtotal (Cost \$)
Billing Rate per Hour			\$ 280.00	\$ 210.00	\$ 195.00	\$ 170.00	\$ 145.00	\$ 125.00		
2. DESIGN PHASE	Level of Effort									
a. PROJECT MANAGEMENT and MEETINGS										
Monthly Progress Reports (assume 6 months)				18					18	\$ 3,780.00
Design Phase Kick-Off				4	4	4			12	\$ 2,300.00
Milestone Meetings (assume one each at 50% & 90%)				8	8	8	8		32	\$ 5,760.00
Traffic Control Proof of Concept				4	4	4	4		16	\$ 2,880.00
Storm Sewer/Drainage Impact Coordination			2	4	12	8	8		34	\$ 6,260.00
Subtotal - Project Management and Meetings										\$ 20,980.00
b. ROADWAY										
Title Sheet	1	8.0		2	2		4		8	\$ 1,390.00
Index of Sheets	1	16.0		2	2	4		8	16	\$ 2,490.00
Construction Notes	2	4.5		1	2		2	4	9	\$ 1,390.00
Project Layout	2	9.5	1	2	2	2	8	4	19	\$ 3,090.00
Existing Typical Sections	4	8.3	1	4	4	4	8	12	33	\$ 5,240.00
Proposed Typical Sections	6	8.3	2	4	8	8	16	12	50	\$ 8,140.00
Plan & Profile	12	15.7	8	16	24	60	60	20	188	\$ 31,680.00
Storm Sewer Plan/Profile Sheets	8	12.5	4	8	16	24	32	16	100	\$ 16,640.00
Storm Sewer Laterals	4	6.8	1	2	4	4	8	8	27	\$ 4,320.00
Roundabout Intersection Details/Layouts	2	25.0	2	4	16	16	8	4	50	\$ 8,900.00
Driveway Details/Summary	2	9.0		2	4	8	4		18	\$ 3,140.00
Demolition Plans	2	11.0		2	4	4	4	8	22	\$ 3,460.00
Overall Drainage Area Map	2	13.5	1	2	4	8	8	4	27	\$ 4,500.00
Drainage Area Map of Storm Sewer	6	8.7	4	4	8	16	12	8	52	\$ 8,980.00
Drainage Calculations			4	8	24	24	8	4	72	\$ 13,220.00
Intersection Visibility Triangles	2	9.0		2	4	4	8		18	\$ 3,040.00
Project Standards/Details	12	1.8		2	4	8		8	22	\$ 3,560.00
Project Sign Detail	1	7.0		1		2		4	7	\$ 1,050.00
Cross Sections	6	13.7	2	4	16	16	24	20	82	\$ 13,220.00
Earthwork Summaries	1	48.0	2	2	12	16	8	8	48	\$ 8,200.00
Subtotal - Roadway										\$ 145,650.00
c. TRAFFIC CONTROL PLAN										
TCP Notes	1	15		1	2	4		8	15	\$ 2,280.00
TCP Overview	2	11		2	4	8		8	22	\$ 3,560.00
TCP Phasing Layout	2	21	2	4	4	8	16	8	42	\$ 6,860.00
Detailed Traffic Control Sheets by Phase Inc. Steps as Needed	12	10	4	4	16	40	32	24	120	\$ 19,520.00
Subtotal Traffic Control Plan										\$ 32,220.00
d. SIGNING AND PAVEMENT MARKINGS										
Signing and Pavement Marking Layouts	6	9		4	8	12	16	16	56	\$ 8,760.00
Signing and Pavement Marking Details	4	5		1	2	4		12	19	\$ 2,780.00
Subtotal - Signing and Pavement Markings										\$ 11,540.00
e. SWPPP										
Delineate SWPPP on Separate Sheets	4	11	1	2	8	8	16	8	43	\$ 6,940.00
SWPPP Details	1	6		1	1	2	2		6	\$ 1,035.00
Subtotal - SWPPP										\$ 7,975.00

	No. Sheets	Hrs/Sheet	Principal/ Group Lead	Project Manager	Sr. Project Engineer	Project Engineer	Designer	CAD	Sub-total Man- hours	Subtotal (Cost \$)
Billing Rate per Hour			\$ 280.00	\$ 210.00	\$ 195.00	\$ 170.00	\$ 145.00	\$ 125.00		
f. UTILITY COORDINATION										
Update Utility Contact and Conflict Table				8	4	16	8		36	\$ 6,340.00
Continued Notification of Known Conflicts				4	8	8			20	\$ 3,760.00
Resolving Conflicts										\$ -
Subtotal - Utility Coordination										\$ 10,100.00
g. SUMMARY OF QUANTITIES										
Summarize Quantities - 70% Submittal			2	4	16	24	16		62	\$ 10,920.00
Summarize Quantities - 95% Submittal			2	4	8	16	8		38	\$ 6,840.00
Summarize Quantities - 100% Submittal			2	2	8	8	4		24	\$ 4,480.00
Subtotal - Summary of Quantities										\$ 22,240.00
h. BID PHASE ATTACHMENTS AND REPORT FILE										
Prepare Project Manual			2	8	12	16	8		46	\$ 8,460.00
Subtotal - Project Manual										\$ 8,460.00
i. DELIVERABLES										
Assemble and Submit PS&E - 70% Submittal				4	8		12	4	28	\$ 4,640.00
Assemble and Submit PS&E - 95% Submittal				2	8		8	4	22	\$ 3,640.00
Assemble and Submit PS&E -100% Submittal				2	4		8	4	18	\$ 2,860.00
Subtotal - Deliverables										\$ 11,140.00
TOTAL 2. DESIGN PHASE			49	169	309	426	396	248		\$ 270,305.00
3. BID AND CONSTRUCTION PHASE										
										Level of Effort
a. BIDDING AND CONSTRUCTION PHASE SERVICES										
Bid and Construction Phase Services										\$ 40,000.00
Control Restaking										\$ 8,200.00
Provided by subconsultant Western Group Consultants										\$ 8,200.00
Subtotal Bidding Services										\$ 48,200.00
TOTAL 3. BID PHASE										\$ 48,200.00
TOTAL PHASE 1, 2 AND 3 SERVICES			113	361	609	776	650	400		\$ 654,818.00

