

AGREEMENT FOR ENGINEERING SERVICES

This Agreement, made this ____ day of _____, 2019, by and between **WEBB COUNTY, a political subdivision of the State of Texas**, hereafter referred to as the OWNER, and **Sherfey Engineering Company, L.L.C., a Texas limited liability company**, hereinafter referred to as the ENGINEER.

The OWNER intends to provide for the realignment of Wormser road from Loop 20 at Lomas Del Sur at a distance of 1.2 to 1.7 miles east connecting the existing Wormser road in **WEBB COUNTY, STATE OF TEXAS**. The project may be paid for in whole or in part with financial assistance from the State of Texas. The State of Texas nor any of their departments, agencies, boards, or employees is or will be a party to this Agreement or any subagreement. The ENGINEER agrees to perform the various professional engineering services for the planning, design, and construction of said Project in accordance with the provisions of this Agreement.

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SECTION A - GENERAL PROVISIONS

1. General

(a) This Agreement represents the entire and integrated Agreement between the OWNER and the ENGINEER for the Project and supersedes all prior negotiations, representations or agreements, either written or oral. In the event any provisions of this Agreement or any subsequent addendum shall be held to be invalid and unenforceable, the remaining provisions shall be valid and binding upon the parties. One or more waivers by either party of any provision, term, condition or covenant shall not be construed by the other party as a waiver of a subsequent breach of the same by the other party. The General Provisions of this Agreement supersede any conflicting SPECIAL PROVISIONS.

(b) The ENGINEER will cooperate and work closely with OWNER and/or TxDOT representatives.

(c) The ENGINEER will attend conferences or public hearings or meetings with the OWNER and/or TxDOT or other interested parties and provide assistance in connection with such undertakings as may be reasonably necessary in connection with this Project.

2. Responsibilities of the ENGINEER

(a) The ENGINEER shall be responsible for the professional quality, technical accuracy, timely completion, and the coordination of all design drawings, specifications, reports, and other services furnished by the ENGINEER under this Agreement. The ENGINEER shall keep the OWNER informed of the performance of the ENGINEER'S duties under this Agreement. The ENGINEER, shall promptly and without additional compensation, correct or revise any errors, omissions, or other deficiencies in the design drawings, specifications, reports, and other services.

(b) The ENGINEER shall perform the professional services necessary to accomplish the work specified in this Agreement in accordance with the applicable generally accepted standards and shall use that degree of care and skill commensurate with the engineering profession to comply with all applicable state, federal and local laws, ordinances, rules, and regulations relating to the work to be performed and Engineer's performance. Additionally, Engineer shall follow any applicable requirements provided by OWNER in effect on the date of execution of any agreement OWNER may have executed with any state agency which has participated in funding this project.

(c) The OWNER'S review or approval of design drawings, specifications, reports, and other services furnished hereunder shall not in any way relieve the ENGINEER of responsibility for the technical adequacy of the work.

Neither the OWNER'S or any local, or state agency review, approval or acceptance of, nor payment for any of the services shall be construed as a waiver of any rights under this Agreement or of any cause of action arising out of the performance of this Agreement.

(d) The ENGINEER shall be and shall remain liable, in accordance with applicable law, for all damages to the OWNER caused by the ENGINEER'S negligent performance of any of the services furnished under this Agreement, except for errors, omissions or other deficiencies to the extent attributable to the OWNER or OWNER-furnished data. The ENGINEER shall not be responsible for any time delays in the Project caused by circumstances beyond the ENGINEER'S control.

(e) The ENGINEER'S obligations under this Section 2 are in addition to the ENGINEER'S other express or implied assurances under this Agreement or State law and in no way diminish any other rights that the OWNER may have against the ENGINEER for faulty materials, equipment, or work.

3. Responsibilities of the OWNER

(a) The OWNER designates the County Engineer as the person authorized to act as the OWNER'S representative. The OWNER or its representative shall receive and examine documents submitted by the ENGINEER, interpret and define the OWNER'S policies and render decisions and authorizations promptly in writing.

(b) The OWNER shall provide the ENGINEER copies of any and all completed or draft designs, plans, reports, studies, surveys and technical papers for the proposed project area, which OWNER may have, which would be of use to assist the ENGINEER in the design of the project.

4. Changes

(a) The OWNER may, at any time, by written order make changes within the general scope of this Agreement in the services or work to be performed. If such changes cause an increase or decrease in the ENGINEER'S cost or time required to perform any services under this Agreement, whether or not changed by any order, the OWNER shall make an equitable adjustment and modify this Agreement in writing. The ENGINEER must assert any claim for adjustment under this clause in writing within thirty (30) days from the date it receives the OWNER'S notification of change, unless the OWNER grants additional time before the date of final payment. At no additional cost to OWNER, OWNER shall have the right, within the first sixty (60) business days of notice to proceed, to direct ENGINEER to prepare construction plans and specifications for construction of the project in two or more phases.

(b) No services for which the ENGINEER will charge an additional compensation shall be furnished without the written authorization of the OWNER.

5. Termination of Contract

(a) This Agreement may be terminated in whole or in part in writing by either party in the event of substantial failure by the other party to fulfill its obligations under this Agreement through no fault of the terminating party, provided that no such termination may be effected unless the other party is given (1) not less than ten (10) calendar days written notice (delivered by certified mail, return receipt requested) of intent to terminate and (2) an opportunity for consultation with the terminating party before termination.

(b) This Agreement may be terminated in whole or in part in writing by the OWNER for its convenience, provided that the ENGINEER is given (1) not less than ten (10) calendar days written notice (delivered by certified mail, return receipt requested) of intent to terminate, and (2) an opportunity for consultation with the OWNER prior to termination.

(c) If termination for default is effected by the OWNER, an equitable adjustment in the price provided for in this Agreement shall be made, but (1) no amount shall be allowed for anticipated profit on unperformed services or other work, and (2) any payment due to the ENGINEER at the time of termination may be adjusted to cover any additional costs to the OWNER because of the ENGINEER'S default.

(d) If termination for default is effected by the ENGINEER, or if termination for convenience is effected by the

OWNER, the equitable adjustment shall include a reasonable profit for services or other work performed. The equitable adjustment for any termination shall provide for payment to the ENGINEER for services rendered and expenses incurred prior to the termination, in addition to termination settlement costs reasonably incurred by the ENGINEER relating to commitments which had become firm prior to the termination.

(e) Upon receipt of a termination action under paragraphs (a) or (b) above, the ENGINEER shall (1) promptly discontinue all affected work (unless the notice directs otherwise), (2) proceed to cancel promptly all existing orders and contracts insofar as these orders or contracts are chargeable to this agreement. As soon as practicable after receipt of notice of termination, the Engineer shall submit a statement showing in detail the services performed under this agreement to the date of termination and (2) deliver or otherwise make available to the OWNER within ten (10) days copies of all data, design drawings, specifications, reports, estimates, summaries and such other information and materials as may have been accumulated by the ENGINEER in performing this Agreement, whether completed or in process.

(f) Upon termination under paragraphs (a) or (b) above, the OWNER may take over the work and may award another party an Agreement to complete the work under this Agreement.

(g) If, after termination for failure of the ENGINEER to fulfill contractual obligations, it is determined that the ENGINEER had not failed to fulfill contractual obligations, the termination shall be deemed to have been for the convenience of the OWNER. In such event, adjustment of the Agreement price shall be made as provided in paragraph (d) of this clause.

6. Payment

(a) The ENGINEER will submit to the OWNER for services rendered an itemized billing statement showing charges for such services accompanied by any additional documentation requested by the OWNER. These statements shall be sworn to be true and correct by the Engineer, or an officer or agent thereof, having knowledge of the facts set forth. The Engineer shall not include on these statements any item payable or chargeable under any other agreement with the County. The Engineer shall not be entitled to any compensation or expense reimbursement other than as set forth in this Agreement. The County Engineer shall review each statement and approve it with modifications, if any, as he may deem appropriate. The County agrees to pay each statement plus all amounts payable within 30 days after the County Auditor approves it. Further, the approval or payment of each statement shall not be considered evidence of performance by the Engineer to the point indicated by such statement or of the receipt or acceptance by the County of the work covered by the statement.

(b) Payments for ENGINEERING SERVICES of the Design Phase (Section B-1 through B-9 of this Agreement) and for ADDITIONAL ENGINEERING SERVICES of the Design Phase (Section D of this Agreement) which are contracted by a Firm Fixed Price Method, are due and payable monthly on the basis of the ENGINEER'S estimate of the percentage of completion of the phase or task, as appropriate.

(c) Payments for ENGINEERING SERVICES during the Construction Phase (Section B-11 through B-23 of this Agreement) are due and payable monthly based on percent ratios identical to those approved by the ENGINEER as a basis upon which to make partial payments to the contractor(s). Owner shall make payment to the Engineer within 30 days after receipt of an acceptable invoice.

(d) Payment for ADDITIONAL ENGINEERING SERVICES for the Construction Phase (Section D of this Agreement) performed in accordance with this Agreement are due and payable in accordance with the following:

1. One hundred percent (100%) of the firm fixed price upon completion and acceptance by the OWNER of completed ADDITIONAL ENGINEERING SERVICES.

(e) No payment request made under this clause shall exceed the estimated amount and value of the work and services performed by the ENGINEER under this Agreement. The ENGINEER shall prepare the estimates of work performed and shall supplement them with such supporting data as the OWNER may require.

(f) Reimbursable Expenses incurred by ENGINEER directly related to the Project, as follows:

Transportation and authorized out-of-town travel and subsistence;

Long distance services, dedicated data and communication services, teleconferences, Project web sites, and

extranets;

Permitting and other fees required by authorities having jurisdiction over the Project;

Printing, reproductions, plots, and standard form documents;

Postage, handling, and delivery;

Renderings, physical models, mock-ups, professional photography, and presentation materials requested by the Owner or required for the Project;

Registration fees and any other fees charged by the Certifying Authority or by other entities as necessary to achieve the Sustainable Objective.

For Reimbursable Expenses the compensation shall be the expenses incurred by ENGINEER plus FIVE percent (5 %) of the expenses incurred.

(g) Upon satisfactory completion of the work performed under this Agreement, as a condition before final payment under this Agreement or as a termination settlement under this Agreement the ENGINEER shall execute and deliver to the OWNER a release of all claims against the OWNER arising under, or by virtue of, this Agreement, except claims which are specifically exempted by the ENGINEER to be set forth therein. Unless otherwise provided in this Agreement, by State law or otherwise expressly agreed to by the parties to this Agreement, final payment under this Agreement or settlement upon termination of this Agreement shall not constitute a waiver of the OWNER'S claims against the ENGINEER or its sureties under this Agreement or applicable performance and payment bonds.

(h) Final payment under this Agreement or settlement upon termination of this Agreement shall not constitute a waiver of the OWNER'S claims against the ENGINEER under this Agreement.

7. Project Design

(a) Unless otherwise approved by the Owner, the ENGINEER shall specify materials, equipment, and processes which are readily available through competitive procurement and consistent with the OWNER'S requirements and applicable granting agency regulations or requirements.

(b) Project design criteria should be consistent with the criteria set forth in any applicable Facilities Plan and that meets the requirements of applicable granting agency regulations or requirements.

8. Audit and Access to Records

(a) The ENGINEER shall maintain books, records, documents, and other evidence directly pertinent to performance on work under this Agreement in accordance with generally accepted accounting principles and practices consistently applied, and State regulations in effect on the date of execution of this Agreement. The ENGINEER shall also maintain the financial information and data used by the ENGINEER in the preparation of support of the cost submission required under state and federal regulations in effect on the date of execution for any negotiated agreement or amendment thereof and a copy of the cost summary submitted to the Owner. The OWNER, or any state or federal agency participating in, or contributing funding to this project, or any of their duly authorized representatives shall have access to such books, records, documents, and other evidence for inspection, audit, and copying during normal business hours. The ENGINEER will provide proper facilities for such access and inspection.

(b) The ENGINEER agrees to make paragraphs (a) through (f) applicable to all agreements and subcontracts it awards and to make paragraphs (a) through (f) of this clause applicable to all amendments directly related to Project performance.

(c) Audits conducted under this provision shall be in accordance with generally accepted auditing standards and established procedures and guidelines of the reviewing or audit agency(ies).

(d) The ENGINEER agrees to disclose all information and reports resulting from access to records under paragraphs (a) and (b) of this clause to any of the agencies referred to in paragraph (a).

(e) Records under paragraphs (a) and (b) above shall be maintained and made available by the ENGINEER during performance of services under this Agreement and for three (3) years from the date of project acceptance by OWNER. In addition, those records which relate to any controversy arising under this Agreement, litigation,

the settlement of claims arising out of such performance or to costs or items to which an audit exception has been taken shall be maintained and made available by the ENGINEER until three (3) years after the date of resolution of such appeal, litigation, claim or exception.

(f) This right of access clause applies to financial records pertaining to all agreements (except formally advertised, competitively awarded, fixed price agreements) and all agreement amendments regardless of the type of agreement related this Agreement for Engineering Services. In addition, this right of access applies to all records pertaining to all agreements and agreement amendments:

1. to the extent the records pertain directly to Agreement performance; or,
2. if there is any indication that fraud, gross abuse or corrupt practices may be involved; or,
3. if the Agreement is terminated for default or for convenience.

9. Subcontracts

(a) Any subcontractors and outside associates or consultants required by the ENGINEER in connection with services under this Agreement will be limited to such individuals or firms as were specifically identified and agreed to during negotiations, or as the OWNER specifically authorizes during the performance of this Agreement. The OWNER must give prior approval, in writing, for any substitutions, additions or deletions to such subcontractors, associates, or consultants.

(b) The ENGINEER may not subcontract services to subcontractors or consultants without the OWNER'S prior written approval.

(c) The ENGINEER shall not propose a subcontract without first determining that the entity to perform the work is a responsible contractor that possesses the potential ability to perform successfully under the terms and conditions of the proposed procurement. The ENGINEER shall provide a written statement on its finding of the responsibility of the contractor and shall include the proposed cost and pricing information for the work. For the purposes of this section a responsible contractor is one that has:

1. Financial resources, technical qualifications, experience, organization and facilities adequate to carry out the project, or a demonstrated ability to obtain these;
2. Resources to meet the completion schedule contained in the subagreement;
3. A satisfactory performance record for completion of subagreement;
4. Accounting and auditing procedures adequate to control property, funds and assets.

10. Insurance

The ENGINEER further agrees to obtain and maintain, at the ENGINEER'S expense, such insurance as will protect the ENGINEER from claims under the Workman's Compensation Act and such comprehensive general liability insurance as will protect the OWNER and the ENGINEER from all claims for bodily injury, death, or property damage which may arise from the performance by the ENGINEER or by the ENGINEER'S employees of the ENGINEER'S functions and services required under this Agreement.

The ENGINEER further agrees to obtain and maintain throughout the duration of this contract, insurance coverage written by companies authorized to do business in the State of Texas and rated A- or better in the following types and amounts:

TYPE	AMOUNT
1) Workers' Compensation	Statutory Limits
2) Professional Liability	\$1,000,000 per occurrence
3) Commercial General Liability	Combined Single Limit for Bodily Injury and Property Damage of \$1,000,000 per occurrence

11. Data and Copyrights

The OWNER, or any participating federal or state agency, has an unrestricted right to use any data or information generated in the performance of this Agreement and the OWNER, or any participating federal or state agency has a royalty-free, irrevocable license to use any plans, specifications, reports, data or information generated as a part of this agreement. Any use, reuse or adaptation will be at OWNER's sole risk and without liability or legal exposure to ENGINEER.

12. Gratuities

(a) If the OWNER finds after a notice and hearing that the ENGINEER or any of the ENGINEER'S agents or representatives offered or gave gratuities (in the form of entertainment, gifts, or otherwise), to any official, employee, or agent of the OWNER, or any participating federal or state agency in an attempt to secure this Agreement or favorable treatment in awarding, amending or making any determinations related to the performance of this Agreement, the OWNER may, by written notice to the ENGINEER, terminate this Agreement. The OWNER may also pursue other rights and remedies that the law or this Agreement provides. However, the existence of the facts on which the OWNER bases such findings shall be in issue and may be reviewed in proceedings under the Remedies clause of this Agreement.

(b) In the event this Agreement is terminated as provided in paragraph (a), the OWNER may pursue the same remedies against the ENGINEER as it could pursue in the event of a breach of the Agreement by the ENGINEER. As a penalty, in addition to any other damages to which it may be entitled by law, the OWNER may pursue exemplary damages in an amount (as determined by the OWNER) which shall be not less than three nor more than ten times the costs the ENGINEER incurs in providing any such gratuities to any such officer or employee.

13. Covenant Against Contingent Fees

The ENGINEER assures that no person or selling agency has been employed or retained to solicit or secure this Agreement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the ENGINEER for the purpose of securing business. For breach or violation of this assurance the OWNER shall have the right to annul this Agreement without liability or, at its discretion, to deduct from the contract price or consideration, or otherwise recover, the full amount of such commission, percentage, brokerage, or contingent fees.

14[Intentionally left blank.]

15. Remedies

Unless otherwise provided in this Agreement, all claims, counter-claims, disputes, and other matters in question between the OWNER and the ENGINEER arising out of or relating to this Agreement or the breach of it will be decided by a court of competent jurisdiction within the State in which the OWNER is located.

16. Compliance Standards

~~(a) The ENGINEER agrees to endeavor to comply with all applicable standards, orders, or requirements issued under Sec. 306 of the Clean Air Act (42 USC 1857(h), Sec. 508 of the Clean Water Act (33 USC 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR, Pt. 15) while performing work under this contract. The ENGINEER also agrees to endeavor to assure that its subconsultants and subcontractors comply with these requirements and the requirements set out in the contract between the OWNER and any participating federal or state agency. OWNER agrees to supply ENGINEER on a timely basis and within thirty days of the execution of this AGREEMENT with copies of the applicable standards, orders, or requirements issued under Sec. 306 of the Clean Air Act (42 USC 1857(h), Sec. 508 of the Clean Water Act (33 USC 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR, Pt. 15).~~

17. Debarment Prohibition

(a) The ENGINEER agrees that at the time of execution of this Agreement that neither the CONTRACTOR nor any of its subcontractors are named on the master Lists of debarments, suspensions, and voluntary exclusions/40 CFR PT 32 (Master List) and that it will not make any sub-agreement awards to any entity that is named on the Master List.

18. Address of Notices and Communications

All notices and communications under this Agreement shall be mailed by standard mail, certified mail, return receipt requested, or delivered to the Engineer at the following address:

Sherfey Engineering Company, L.L.C.
104 Del Court, Ste. 400
Laredo, Texas 78041

All notices and communications under this Agreement shall be mailed by standard mail, certified mail, return receipt requested, or delivered to the OWNER at the following address:

Webb County	
Webb County Judge	with a copy to: Webb County Engineer
1000 Houston Street, 3 rd Floor	1620 Santa Ursula, 2 nd Floor
Laredo, Texas 78040	Laredo, Texas 78040

19. Limit of Appropriation

Prior to the execution of this Agreement, the Engineer has been advised by OWNER, and the Engineer fully understands and agrees this understanding and agreement is of the absolute essence to this Agreement, that the total maximum compensation that the Engineer may become entitled to hereunder, and the total maximum sum that the OWNER shall become liable to pay to the Engineer, shall not, under any conditions, circumstances or interpretation, exceed the sum under this Agreement.

Notwithstanding any other provisions of this Agreement, OWNER'S obligations to pay any amount due under this agreement are contingent upon availability and continuation of funds for the payments and other obligations due hereunder. The OWNER may terminate this agreement, for non-appropriation of funds, and all payment obligations of the OWNER cease on the date of termination. Should termination be accomplished in accordance with this Section, the OWNER shall be liable only for payments due through the date of termination. This provision shall not be construed to abridge any other right of termination OWNER may have.

20. Successors and Assigns

The OWNER and the Engineer bind themselves and their successors, executors, administrators and assigns to the other party of this Agreement and to the successors, executors, administrators and assigns of such other party, in respect to all covenants of this Agreement. Neither the OWNER nor the Engineer shall assign, sublet or transfer its or his interest in this Agreement without the written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of any public body that may be a party.

21. Compliance and Standards

The Engineer agrees to perform the work in accordance with the applicable generally accepted standards and shall use that degree of care and skill commensurate with the engineering profession to comply with all applicable state, federal and local laws, ordinances, rules, and regulations relating to the work to be performed and Engineer's performance.

22. Ownership of Documents, Copyright

All documents including the original drawings, estimates, specifications, field notes and data will remain the property of ENGINEER as instruments of service. However, it is to be understood that the OWNER shall have free access to all such information with the right to make and retain copies of drawings and all other documents including field notes and data. Any reuse without specific written verification or adaption by ENGINEER will be at OWNER's sole risk and without liability or legal exposure to ENGINEER. Any such verification or adaptation may entitle ENGINEER to further compensation at rates to be agreed upon by OWNER and ENGINEER. Copies of all complete or partially completed mylar reproducible, preliminary layouts, record drawings, sketches and other documents prepared pursuant to this Agreement shall be delivered to OWNER when and if this Agreement is terminated or upon completion of this Agreement, whichever occurs first. The Engineer may retain one set of reproducible copies of the documents and these copies shall be for the Engineer's sole use in preparation of studies or reports for OWNER only. The Engineer is expressly prohibited from selling, licensing or otherwise marketing or donating these documents, or using the documents in the preparation of other work for any other client, without the prior express written permission of the County.

23. Indemnification

The Engineer shall save harmless the OWNER and the State of Texas, from and against all claims and liability due to activities of the Engineer, its agents or employees, performed under this Contract and that result from any negligent act, error, or omission of the Engineer or of any person employed by the Engineer. The Engineer shall also save harmless the OWNER and the State of Texas, from and against any and all expenses, including attorney's fees that might be incurred by the County, in litigation or otherwise resisting claims or liabilities that might be imposed on the OWNER as the result of such activities by the Engineer, its agents or employees.

24. Modifications

This instrument contains the entire Agreement between the parties related 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 modification in writing signed by both parties.

25. Authority of County Engineer

The County Engineer shall decide any and all questions that may arise as to the interpretation of this Agreement and all questions as to the acceptable fulfillment of this Agreement by the Engineer. His decision shall be final. It is mutually agreed by both parties that the County Engineer shall act as referee in all questions arising under the terms of this Agreement between the parties and that the decisions of the County Engineer in these matters shall be final and binding alike on both parties. But nothing contained in this section shall be construed to authorize the County Engineer to alter, vary or amend any of the terms or provisions of this Agreement.

26. Inconsistencies

Where there exists any inconsistency between this Agreement and other provisions of collateral contractual agreements that are made a part hereof by reference or otherwise, the provisions of this Agreement shall control.

27. Law of Texas

This Agreement shall be governed by and construed in accordance with the laws of the State of Texas and shall be enforced in the Webb County, Texas.

28. Headings

The headings used herein are for convenience of reference only and shall not constitute a part hereof or affect the construction or interpretation hereof.

29. Waiver

The failure on the part of any party to exercise or to delay in exercising, and no course of dealing with respect to any right hereunder shall operate as a waiver thereof; nor shall any single or partial exercise of any right hereunder preclude any other or further exercise thereof or the exercise of any other right. The remedies provided herein are cumulative and not exclusive of any remedies provided by law or in equity, except as expressly set forth herein.

30. Counterparts

This Agreement may be executed in any number of and by the different parties hereto on separate counterparts, each of which when so executed shall be deemed to be an original, and such counterparts shall together constitute but one and the same document.

31. Terminology and Definitions

All personal pronouns used herein, whether used in the masculine, feminine, or neutral, shall include all other genders; the singular shall include the plural and the plural shall include the singular.

32. Rule of Construction

The parties hereto acknowledge that each party and its legal counsel have reviewed and revised this agreement, and the parties hereby agree that the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of this agreement or any amendments or exhibits hereto.

33. Independent Contractor

The Engineer agrees that he is acting under this Agreement as an independent contractor. Neither the Engineer nor its employees, agents or representatives shall be considered employees of OWNER. Neither party shall be liable or accountable for any obligations incurred by the other party, except as specified herein, as the respective businesses of the parties are operated separately and apart from each other.

SECTION B - ENGINEERING SERVICES

The ENGINEER shall furnish ENGINEERING SERVICES as follows in accordance with the GENERAL PROVISIONS of the Agreement and as authorized by the appropriate Attachment to this Agreement:

ENGINEERING SERVICES DURING THE DESIGN PHASE

1. The ENGINEER shall complete the ENGINEERING SERVICES described in Section B-2 through B-9 described herein, for the facilities listed in **Section E**, within **180** calendar days from the date of written authorization to proceed, unless otherwise mutually agreed to in writing by both parties, and will be initiated by the ENGINEER promptly after execution of Attachment I. Any supporting documentation or revisions regarding the ENGINEER'S services under this Agreement necessary to obtain the approval of any participating federal or state agency will be provided promptly.
2. The ENGINEER shall perform the necessary design surveys, accomplish the detailed design of the Project, prepare contract documents including design drawings, specifications and invitations for bids, and prepare a final opinion of probable Project cost based on the final design of the Project. The design drawings prepared shall be in sufficient detail to show the character and extent of the Project and to permit the actual location of the proposed improvements on the Project site. It is also understood that if subsurface explorations such as borings, or soil tests are required to determine amounts of rock

excavation or foundation conditions, the ENGINEER will coordinate said explorations without additional charge, but the costs incident to such explorations, no matter whether they are performed by the ENGINEER or by others shall be paid for by the OWNER as indicated in Section C and set out in Attachment I.

3. The ENGINEER shall review any existing Facilities Plan prepared for this Project and, if necessary and upon consultation with and concurrence of the OWNER and any participating federal or state agency shall revise design criteria, design standards, and other appropriate preliminary design information included in the Facilities Plan or other preliminary engineering reports in order to complete the final design for the Project in accordance with the performance standards and accepted engineering practices.
4. The ENGINEER shall assist the OWNER in obtaining necessary permits and approvals from appropriate Federal, State, and local regulatory agencies. The cost of obtaining such permits and approvals shall be borne by the OWNER.
5. The Contract Documents furnished by the ENGINEER under Section B-6 shall incorporate any forms and terms provided by any participating federal or state agency.
6. Sixty (60) days prior to the advertisement for bids, the ENGINEER shall provide for each construction contract to be awarded by the OWNER, ten (10) copies of detailed design drawings, specifications, and construction contract documents (which said contract documents shall be approved in writing by the Webb County Civil Legal Division prior to being included in any specification manual or bid documents), in a form approved by OWNER for use by the OWNER and appropriate Federal, State and local agencies from whom approval of the Project must be obtained. Additional copies of the above-specified documents shall be provided to the OWNER by the ENGINEER at production cost. Originals of such items as documents, survey notes, and tracings, prepared by the ENGINEER are and shall remain the property of the ENGINEER, but this shall in no way infringe upon the OWNER'S rights to such items under Section A-8, A-11, A-22.
7. The ENGINEER shall establish baselines for locating the work together with a suitable number of benchmarks adjacent to the work and show their location in the Contract Documents. This information and the Contract Documents will provide the contractor sufficient reference from which to execute the contract work.
8. The ENGINEER shall prepare and furnish to the OWNER three (3) copies of maps or drawings showing the approximate location of needed construction easements, permanent easements, rights-of-way and land to be acquired. Such maps or drawings shall be furnished promptly to enable the OWNER to initiate property and easement acquisitions.
9. Sections B-1 through B-9 and those ADDITIONAL ENGINEERING SERVICES designated for the Design Phase in Section C will take effect upon execution of Attachment I.

ENGINEERING SERVICES DURING THE CONSTRUCTION PHASE

10. Performance of the services requested during this phase (construction phase) will be initiated by the ENGINEER promptly after execution of Attachment II and the OWNER, (and if applicable) with the concurrence of any participating federal or state agency, issues a written authorization to proceed. This phase of the contract is for 365 Calendar Days.
11. The ENGINEER, along with the Webb County Purchasing Agent, shall attend the bid opening and review the bid proposals and analyze the responsiveness of the bidders.
12. Upon Award of the Contract, the ENGINEER shall furnish to the OWNER, 10 (not less than ten) sets of the design drawings, specifications and contract documents, in a form approved by OWNER, for execution by the OWNER and contractor. Additional copies of such contract documents shall be provided to the OWNER by the ENGINEER at production cost.

13. The ENGINEER shall review and approve, for conformance with the design concept all shop drawings and other submittals required by the Contract Documents to be furnished by contractors.
14. The ENGINEER shall interpret the intent of the design drawings and specifications to protect the OWNER against defects and deficiencies in construction on the part of the contractors.
15. The ENGINEER shall provide general engineering review of the work of the contractors as construction progresses to ascertain that the contractors are conforming with the design concept.
16. The ENGINEER'S undertaking hereunder shall not relieve the contractor of its obligation to perform the work in conformity with the Contract Documents and in a workmanlike manner; nor shall it make the ENGINEER an insurer of the contractor's performance; and shall not impose upon the ENGINEER any obligations to see that the work is performed in a safe manner.
17. The ENGINEER shall review each contractor's applications for progress and final payments and submit sufficient copies of same to the OWNER with the ENGINEER'S recommendation for approval or disapproval.
18. The ENGINEER shall prepare necessary contract change orders for approval of the OWNER and any participating federal or state agency as applicable.
19. The ENGINEER shall make an inspection prior to issuing the certificate of substantial completion of all construction and submit a written report to the OWNER, any participating federal or state agency if required, and any others as required.
20. Prior to submission of recommendation for final payment on each contract, the ENGINEER shall submit a certificate of substantial completion of work done under that contract to the OWNER, and any participating federal or state agency as required.
21. The ENGINEER shall provide the OWNER with one set of reproducible record (as-built) drawings, and two sets of prints. Such drawings will be based upon the construction records provided by the contractor during construction and reviewed by the ENGINEER.
22. Section B-10 through B-22 and those ADDITIONAL ENGINEERING SERVICES designated for the Construction Phase in Section C will take effect upon execution of Attachment II.

SECTION C – OUTSIDE CONSULTANTS & TESTING SERVICES

The following designated OUTSIDE CONSULTANTS & TESTING SERVICES shall be provided by the ENGINEER upon written authorization by the OWNER will be initiated by the ENGINEER promptly after execution of Attachment III and the concurrence of any participating federal or state agency if required by OWNER's contract with said state or federal agency. Agreed upon OUTSIDE CONSULTANTS & TESTING SERVICES will be designated by Design Phase (D) or Construction Phase (C) during which the service would be performed. Compensation for performing the designated OUTSIDE CONSULTANTS & TESTING SERVICES will be included on **Attachment III**.

Phase

"D" NO OUTSIDE CONSULTANTS & TESTING SERVICES are anticipated to be provided by ENGINEER.

"C" NO OUTSIDE CONSULTANTS & TESTING SERVICES are anticipated to be provided by ENGINEER.

The following designated CONSULTANTS & TESTING SERVICES shall be provided by the OWNER and OWNER shall coordinate the delivery of said services with the scheduling proposed by ENGINEER. CONSULTANTS & TESTING SERVICES will be designated by Design Phase (D) or Construction Phase (C) during which the service would be performed. Compensation for performing the designated CONSULTANTS & TESTING SERVICES shall be borne by OWNER.

Phase

- "D" Environmental Impact Statement – Design Phase.
- "D" Geotechnical report (subsurface borings for pavement design) – Design Phase.
- "C" Materials and Density Testing – Construction Phase.

SECTION D – ADDITIONAL ENGINEERING SERVICES

The following designated ADDITIONAL ENGINEERING SERVICES shall be provided by the ENGINEER upon written authorization by the OWNER and the concurrence of any participating federal or state agency if required by OWNER's contract with said state or federal agency. Agreed upon ADDITIONAL ENGINEERING SERVICES will be designated by Design Phase (D) or Construction Phase (C) during which the service would be performed. The scope and compensation for performing the designated ADDITIONAL ENGINEERING SERVICES will be negotiated between the OWNER and ENGINEER once ENGINEER reviews the scope of work pertaining to the ADDITIONAL SERVICES requested. Compensation will be based on either Exhibit B – Hourly Rate Fee Schedule or Fixed Fee Lump Sum.

Phase

NONE ANTICIPATED OR AUTHORIZED AT CONTRACT SIGNING

SECTION E – CONSTRUCTION STANDARDS - ITEMS

The project consists of:

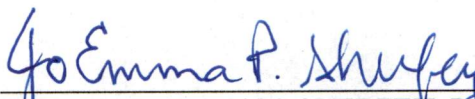
- Surveys (alignment, boundary, topographic), the identification of existing right of way and the surveys for acquisition for any additional right of way, if required.
- Planning, platting, permit acquisition, and drainage mitigation.
- Design and preparation of construction plans, specifications and estimates.
- The design requires for the realignment of Wormser road from Loop 20 at Lomas Del Sur at a distance of 1.2 to 1.7 miles east.
- The design requires approximately 400 linear feet of vehicle queuing storage, 12 foot wide lanes, possible traffic islands to accommodate future traffic signal design, and possible deceleration and acceleration lanes.
- The design is to be coordinated with all utilities, and must be in compliance with all City, State, and Federal regulations.
- Professional services also include limited construction observation, assisting in bidding process, review of contractor's submittals, invoices, and assisting in project close out.

WEBB COUNTY



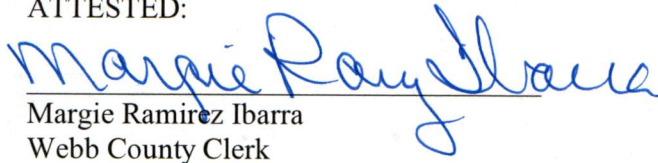
TANO E. TIERINA
COUNTY JUDGE

SHERFEY ENGINEERING COMPANY, L.L.C.
a Texas limited liability company




JOEMMA PALACIOS SHERFEY, P.E.
MANAGER

ATTESTED:


Margie Ramirez Ibarra
Webb County Clerk

APPROVED AS TO FORM:


Nathan R. Bratton
General Counsel
Civil Legal Division*

*The General Counsel, Civil Legal Division's office, may only advise or approve contracts or legal documents on behalf Webb County, its client. It may not advise or approve a contract or legal document on behalf of other parties. Our review of this document was conducted solely from the legal perspective of our client. Our approval of this document was offered solely for the benefit of our client. Other parties should not rely on this approval, and should seek review and approval of their own respective attorney(s).

EXHIBIT A
Summary of Engineering Fees
Wormser Road Realignment Project

PHASE	AMOUNT	SUBTOTAL	TOTAL
Design (Surveying, Platting, Engineering Design and Final Acceptance of Plat)			
Surveying			
Topographic Improvements	\$26,000.00		
Right of Way Surveys	\$8,000.00		
Platting Services			
Preliminary Plan	\$11,600.00		
Final Plat	\$5,000.00		
Detailed Drainage Report			
Drainage Report	\$17,200.00		
Engineering Design Services			
Preliminary Design (Engineering Report/Schematic)	\$34,000.00		
Final Design (50% PS&E Submittal)	\$68,000.00		
Final Design (100% PS&E Submittal)	\$116,000.00		
Permits, Applications and Easements	\$10,000.00		
Bid Services	\$5,000.00		
Subtotal		\$300,800.00	
Construction Phase			
Construction Staking	\$26,800.00		
Construction Administration and Periodic Construction Observations	\$19,200.00		
Project Closeout and As-Built Drawings	\$11,200.00		
Subtotal		\$57,200.00	
Total - Design & Construction Phases			\$358,000.00
Outside Consultants & Testing Services			
Subtotal			
Total – Outside Consultants & Testing Services			
TOTAL FEE			\$358,000.00

EXHIBIT B
Hourly Rate Fee Schedule

Principal - \$225.00	
Registered Engineer (P.E.)	\$175.00
Design Engineer	\$150.00
Registered Professional Land Surveyor (RPLS)	\$150.00
Engineering Cadd Technician	\$85.00
Design Technician	\$75.00
Survey Crew/Field Party (3 Man)	\$175.00
Survey Crew/Field Party (2 Man)	\$155.00
Clerical	\$45.00

EXHIBIT C Scope of Services

Services include but are not limited to:

- Surveys (alignment, boundary, topographic), the identification of existing right of way and the surveys for acquisition for any additional right of way, if required.
- Planning, platting, permit acquisition, and drainage mitigation.
- Design and preparation of construction plans, specifications and estimates.
- The design requires for the realignment of Wormser road from Loop 20 at Lomas Del Sur at a distance of 1.2 to 1.7 miles east.
- The design requires approximately 400 linear feet of vehicle queuing storage, 12 foot wide lanes, possible traffic islands to accommodate future traffic signal design, and possible deceleration and acceleration lanes.
- The design is to be coordinated with all utilities, and must be in compliance with all City, State, and Federal regulations.
- Professional services also include limited construction observation, assisting in bidding process, review of contractor's submittals, invoices, and assisting in project close out.

General

- All work shall be performed in English units.
- All design activities performed shall comply with Webb County's paving standards, the City of Laredo's paving standards and appropriate TxDOT minimum acceptable standards, as shall be provided to the ENGINEER by OWNER.
- All surveying activities performed shall be in accordance with the Texas Board of Professional Land Surveying Practices Act and appropriate Webb County and/or TxDOT rules and regulations.
- All construction materials specified shall comply with Webb County's paving standards and appropriate TxDOT minimum acceptable standards, as shall be provided to the ENGINEER by the OWNER.
- Plans, Specifications and Estimates (PS&E) package shall be prepared for the realignment of Wormser road.
- PS&E package submittals shall bear the seal of a registered professional engineer licensed to practice in the State of Texas.

Project Management

- Coordinate with OWNER throughout the project design and construction phases.
- Coordinate the collection and completion of the ENGINEER'S subcontractor's assignments during the design of the project.
- Advise the OWNER on pertinent design modifications as may be required to insure proper function of the project.
- Attend progress meetings with officials from Webb County and TxDOT personnel as needed.
- Provide periodic construction supervision during construction activities phases (as required to maintain construction progress), including construction field modifications with contractor, utility adjustment reviews during construction, reviews of contractor's pay requests, pre-final and final inspections, preparation of punch list, and project closeout.
- Provide general supervision of all design activities within the project.

Data Assembly and Review

- With the assistance of OWNER, obtain plans, documents and other pertinent data for existing and proposed improvements within the identified project areas.
- Conduct field reconnaissance to identify data pertinent to the design.
- Coordinate the collection of data information as required for the design of the project.

Utility Coordination

- Coordinate with OWNER for the development of a listing of current utility providers and/or companies affected within the project areas.
- Coordinate with utility providers and/or companies to obtain available plans of utility lines and/or request

utilities to be marked within the project areas.

- Field verify, where possible, any utility services within the project area.
- Coordinate the relocation, removal and adjustment of utility lines as may be required for the proposed design.
- Attend the utility coordination board meetings as a representative of the project, any relocation costs to be negotiated between the OWNER and utility provider and/or company separate of this contract.

Field Data Collection

- Provide engineering coordination with the surveyor of record for this project.
- Conduct engineering review of survey, field data and digital terrain model.
- Establish horizontal and vertical control within the right-of-ways of the project areas using OWNER's approved coordinate system or NAD-83 coordinate system.
- Conduct field investigations to recover existing physical monumentation of right-of-ways and existing fence lines.
- Perform a comprehensive inventory of the existing type of material used to construct streets and driveways.
- Perform a comprehensive inventory of driveways, walkways, headwalls and side streets culverts (permanent structures within the project right-of-ways).
- Perform a comprehensive inventory of signs, mailboxes, valve boxes, and poles (fixed objects within the project right-of-ways).
- Determine the necessity for additional right-of-ways and/or easements as it pertains to the proposed streets and storm drain system.
- Establish benchmarks at approximately 500-foot intervals using a level of accuracy acceptable to OWNER and TxDOT.
- Collect topographic information pertinent to the project, including determining the locations and flowlines of existing curb and street sections within the right-of-ways; determining the locations and flowlines of existing drainage structures within the right-of-ways, including upstream elevations to the extent possible; determining the locations and flowlines of existing inlet, if any, along the project streets and access roads; and collecting existing topographic features and cross sections at 100-foot intervals along the project centerline or as needed to establish terrain changes.
- Provide construction staking for the proposed streets and storm drain system, as may be required.

Roadway & Storm Drain Design

- Develop project design schedule.
- Prepare a preliminary engineering report, identifying pertinent design requirements for the project.
- Develop typical sections for new pavement section within the proposed project.
- Prepare project layout sheets.
- Develop the required plan and profile sheets at a scale sufficient to show design detail for the proposed street and storm drain improvements.
- Develop miscellaneous details as required to substantiate and clarify the design intended.
- Calculate design quantities for preparation of right-of-way, excavation, embankment, retaining walls, flexible base, etc.
- Determine applicable Webb County, City of Laredo and TxDOT Standard sheets for inclusion in the plans.
- Develop general notes and design requirements for inclusion with the plans.
- Develop a basis of estimate for each pay item based on the plan design.
- Prepare 50% and 100% completion design submittals for the project as required for progress of the project.
- Attend design development conferences at the milestone meetings with OWNER and TxDOT as needed.
- Compute a final construction estimate in Excel format using local average bid prices.

-

Hydrology and Hydraulics

- Perform detailed hydrology and hydraulic calculations to substantiate the proposed design and prepare a detailed drainage report with value engineering recommendations for the project, including the delineation of drainage areas on USGS maps and/or survey data and calculations of design runoff discharges.
- Perform the required computation analysis to substantiate the appropriate drainage structure, pipes, and inlet sizing.
- Coordinate drainage designs with OWENR and TxDOT to achieve the satisfactory implementation of drainage structures and water crossings.
- Design proposed channel improvements as required to achieve the adequate conveyance of the storm water runoff.

Miscellaneous

- Develop a storm water pollution prevention plan (SW3P) for the street and storm drain improvements.
- Develop a traffic control plan, where required.
- Conduct quality control investigations, including the development of the required testing of materials as per OWENR and TxDOT recommendations and conduct reviews and recommend tested materials and shop drawing submittals.
- Coordinate the locations of street borings to evaluate subsurface conditions.
- Coordinate the collection of construction modifications and the development of final “as-built” drawings of record.
- Prepare applicable permits, applications, and easements for the proper design of the project, as may be required.

Deliverables

- Engineering Plans shall be delivered on 11”x17” chronar plan sheets in accordance with the latest AASHTO standards or Webb County standards or City of Laredo standards.
- Provide three (3) copies of the detailed drainage and value engineering report.
- Provide three (3) copies of the preliminary engineering report for the project.
- Provide three (3) complete plan sheet deliverables at the 50% and 100% submittals.
- Provide ten (10) complete PS&E packages at 100% submittal for Bidding Construction Documents.
- Provide one (1) set of mylar plans at the final 100% submittal.
- Provide a CD ROM that contains the final design plans, details, specifications, and estimate in an approved Webb County format.
- Provide one (1) set of mylar “As-Built” drawings of record to complete this contract.

ATTACHMENT I

ATTACHMENT I - Compensation for Engineering Services During the Design Phase

1. As set forth in the AGREEMENT FOR ENGINEERING SERVICES dated the _____ day of _____, 20____, by and between by and between WEBB COUNTY, the OWNER, and Sherfey Engineering Company, L.L.C., the ENGINEER, the OWNER and ENGINEER agree this _____ day of _____, 20____, that the OWNER shall compensate the ENGINEER for services described in Section B-1 through B-9 and Section C designated Design Phase services.

2. Compensation for ENGINEERING SERVICES shall be by a FIRM FIXED PRICE METHOD. The FIRM FIXED PRICE is:

\$300,800.00 (See Exhibit A – Summary of Engineering Fees: Subtotal - Design Phase)

3. The amount of compensation shall not change unless the scope of services to be provided by the ENGINEER changes and this Agreement is formally amended according to Section A-6.

4. Signatures

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in duplicate on the respective dates indicated below.

OWNER: WEBB COUNTY

Type Name: Luis Perez Garcia, P.E.
Title: Webb County Engineer
Date: _____

ENGINEER: Sherfey Engineering Company, L.L.C.

Type Name Joemma Palacios Sherfey, P.E.
Title Manager
Date _____

ATTACHMENT II

ATTACHMENT II - Compensation for Engineering Services During the Construction Phase

1. As set forth in the AGREEMENT FOR ENGINEERING SERVICES dated the _____ day of _____, 20 ____, by and between by and between WEBB COUNTY, the OWNER, and Sherfey Engineering Company, L.L.C., the ENGINEER, the OWNER and ENGINEER agree this _____ day of _____, 20 ____, that the OWNER shall compensate the ENGINEER for services described in Section B-10 through B-22 and Section C designated as Construction services.

2. Compensation for ENGINEERING SERVICES shall be by a FIRM FIXED PRICE METHOD. The FIRM FIXED PRICE is:

\$57,200.00 (See Exhibit A – Summary of Engineering Fees: Subtotal – Construction Phase)

3. The amount of compensation shall not change unless the scope of services to be provided by the ENGINEER changes and this Agreement is formally amended according to Section A-6.

4. Signatures

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in duplicate on the respective dates indicated below.

OWNER: WEBB COUNTY

Type Name: Luis Perez Garcia, P.E.
Title: Webb County Engineer
Date: _____

ENGINEER: Sherfey Engineering Company, L.L.C.

Type Name Joemma Palacios Sherfey, P.E.
Title Manager
Date _____

ATTACHMENT III

ATTACHMENT III - Compensation for Services During the Outside Consultants & Testing Services Phase

1. As set forth in the AGREEMENT FOR ENGINEERING SERVICES dated the _____ day of _____, 20____, by and between WEBB COUNTY, the OWNER, and **Sherfey Engineering Company, L.L.C.**, the ENGINEER, the OWNER and ENGINEER agree this _____ day of _____, 20____, that the OWNER shall compensate the ENGINEER for services described in Section B-1 through B-9 and Section C designated Design Phase services and in Section B-10 through B-22 and Section C designated as Construction services.

2. Compensation for ENGINEERING SERVICES shall be by a FIRM FIXED PRICE METHOD. The FIRM FIXED PRICE is:

NO OUTSIDE CONSULTANTS & TESTING SERVICES are anticipated to be provided by ENGINEER.
(See Exhibit A – Summary of Engineering Fees: Subtotal – Outside Consultants & Testing Services Phase)

3. The amount of compensation shall not change unless the scope of services to be provided by the ENGINEER changes and this Agreement is formally amended according to Section A-5.

4. Signatures

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in duplicate on the respective dates indicated below.

OWNER: WEBB COUNTY

Type Name: Luis Perez Garcia, P.E.
Title: Webb County Engineer
Date: _____

ENGINEER: **Sherfey Engineering Company, L.L.C.**

Type Name Joemma Palacios Sherfey, P.E.
Title Manager
Date _____

MARGIE R. IBARRA
COUNTY CLERK
FILED

2019 NOV 19 PM 5:01

WEBB COUNTY, TEXAS

BY VZ DEPUTY