



CONSTRUCTION MATERIALS ENGINEERING & TESTING
GEOTECHNICAL ENGINEERING
CONSTRUCTION INSPECTION SERVICES
FORENSIC STUDIES

August 20, 2025
Proposal No.: P23-0901C

Mr. Darryl Zbranek
Chief Construction Inspector
City of Coppell
255 East Parkway Boulevard
Coppell, Texas 75019

**Subject: Construction Materials Testing Services
Bullock and Howell Street Reconstruction
Coppell, Texas**

Dear Mr. Zbranek:

Alliance Geotechnical Group (Alliance) is pleased to submit this proposal for construction materials testing for the above referenced project. We understand we have been selected based on the Professional Services Procurement Act.

PROJECT INFORMATION

Based on our review of the project plans, specifications, and geotechnical report, we understand that the project will consist of the following:

- ◆ Paving and Earthwork:
 - ◆ 8-inch flex base on scarified and recompacted subgrade
 - ◆ 4-inch sidewalk on scarified and recompacted subgrade
 - ◆ 6-inch pavement
 - ◆ Utility backfill by open trench
 - ◆ Storm drain structures
- ◆ Miscellaneous:
 - ◆ Utility abandonment
 - ◆ Paving subgrade proof roll

SCOPE OF SERVICES

The following scope of services is based on our review of project documents dated July 2025 and a geotechnical report by Alliance Geotechnical Group DE23-027 dated May 23, 2023, and is limited to providing testing and/or observations for the previously mentioned construction. ***We do request that your construction representative provide us with a 24-hour notice for scheduling purposes.*** As such, we agree to provide the appropriate personnel to perform the below construction materials services.

Inspections and Testing for Earthwork

- Obtain and perform laboratory moisture/density relations (ASTM D698/D1557) and soil classification tests (liquid limit, plastic limit and percent finer than no. 200 sieve analysis) for each soil type
- Perform in-place moisture/density tests at the rate of 1/100 linear feet for paving areas to include subgrade fills, subgrade, and flex base, with a minimum of 3 tests and 1/150 linear feet for utility backfill, with a minimum of 3 tests

Inspections and Testing for Concrete Construction

- Perform reinforcing steel inspection prior to concrete placement (generally the same day unless scope of pour deemed too large by AGG) for conformance with project plans and reviewed shop drawings
- During concrete pours, for each intended use, AGG shall sample concrete from the first concrete truck on each day of concrete pouring and a minimum of one truck every 150 cubic yards thereafter.
- Perform testing and inspections during concrete placements, which will include:
 - collect a copy of the batch ticket and verify mix design matches reviewed submittal
 - collect a sample in accordance with ASTM C172
 - perform slump test in accordance with ASTM C143
 - perform air content test in accordance with ASTM C231 or ASTM C173
 - perform unit weight test in accordance with ASTM C138
 - record concrete temperature in accordance with ASTM C1064
 - fabricate cylinders molded and standard-cured in accordance with ASTM C31
 - perform compression testing in accordance with ASTM C39, with 1 tested at 7 days, 2 at 28 days, and 1 held in reserve

COMPENSATION

While testing is dependent on the construction sequence, contractor performance and efficiency, weather conditions, and the actual testing performed, we suggest an **estimated budget of \$59,984.00**. The invoicing for this project will use the attached Fee Schedule **and the actual quantity of work performed**. The estimated budget will not be exceeded without prior approval. The City of Coppel and Alliance



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Geotechnical Group may subsequently agree in writing to provide for additional services to be rendered under this agreement for additional, negotiated compensation.

Services provided by Alliance will be consistent with the engineering standards prevailing at the time and in the area that the work is performed; no other warranty, express or implied, is intended.

Please indicate your approval of the proposal and the Alliance Geotechnical Group's General Conditions by signing below acceptance form and returning it. Any modifications of the attached language must be accepted by both parties.

We appreciate the opportunity to provide you with our services. If you have any questions or wish to discuss any aspect of our proposal, please call us. Following your authorization, we are ready to begin work and look forward to a successful project.

Sincerely,
Alliance Geotechnical Group

A handwritten signature in blue ink, appearing to read 'Tim Bordonaro'.

Tim Bordonaro, C.E.T.
CME Senior Project Manager

A handwritten signature in blue ink, appearing to read 'Alan Thomas'.

Alan Thomas, S.E.T.
CME Department Manager

Attachments: Fee Schedule
Estimated Quantities
Acceptance Form
Remarks
Alliance Geotechnical Group General Conditions



Cost Estimate
Construction Materials Engineering & Testing Services for
Bullock and Howell Street Reconstruction

Description	Procedure / Bill Code	Units	Quantity	Unit Price	Total
Earthwork					
Earthwork Inspection and Testing	1400	hour	186	\$ 75.00	\$ 13,950.00
Earthwork Inspection and Testing Overtime	1401	hour		\$ 112.50	\$ -
Material in Soils Finer than No. 200 Sieve	ASTM D1140	each	8	\$ 78.00	\$ 624.00
Particle Size Analysis of Soils	Tex-110-E	each	2	\$ 235.00	\$ 470.00
Laboratory Compaction Characteristics of Soil Using Modified Effort	ASTM D1557	each	2	\$ 245.00	\$ 490.00
In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods	ASTM D6938	each	193	\$ 26.00	\$ 5,018.00
Laboratory Compaction Characteristics of Soil Using Standard Effort	ASTM D698	each	8	\$ 215.00	\$ 1,720.00
Liquid Limit, Plastic Limit, and Plasticity Index of Soils	ASTM D4318	each	10	\$ 78.00	\$ 780.00
Vehicle Trip Charge	1322	trip	28	\$ 60.00	\$ 1,680.00
Staff Engineer	1304	hour	16	\$ 145.00	\$ 2,320.00
Project Manager	1307	hour	28	\$ 115.00	\$ 3,220.00
Concrete					
Compressive Strength of Cylindrical Concrete Specimens	ASTM C39	each	222	\$ 36.00	\$ 7,992.00
Concrete Technician	1000	hour	165	\$ 65.00	\$ 10,725.00
Concrete Technician Overtime	1001	hour		\$ 97.50	\$ -
Concrete Cylinder Pick Up	1008	lump sum	19	\$ 295.00	\$ 5,605.00
Vehicle Trip Charge	1322	trip	40	\$ 60.00	\$ 2,400.00
Project Manager	1307	hour	26	\$ 115.00	\$ 2,990.00
TOTAL					\$ 59,984.00



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**CME
ACCEPTANCE FORM**

Date: August 20, 2025 AGG Cost Estimate No: P25-0822C

Project Name: Bullock and Howell Street Reconstruction CME Estimate: \$ \$59,984.00

Project City:

Highlighted Areas Must Be Filled Out

CLIENT:	ATTN:
ADDRESS:	EMAIL:
CITY/STATE/ZIP:	PHONE/FAX:
OWNER OF PROPERTY:	
ADDRESS:	CITY/STATE/ZIP:
PROJECT LEGAL DESCRIPTION:	
PROJECT COUNTY:	

The undersigned hereby accepts all the Terms and Conditions set forth in this cost estimate and warrants that he/she has full authority to bind the Client. Payment Terms: Net Within 30 days in Dallas, Texas.

No reports will be issued until we have a signed contract, purchase order or Letter of Authorization to proceed in our office. Signed contract, purchase order or Letter of Authorization to proceed must be received within 3 days of commencement of services or work stoppage will commence on the 4th day and continue until signed authorization is received in our office.

For projects with new clients under \$1,000.00, written authorization must be received prior to the start of work and payments must be received before reports are issued. Service for welding certifications and ferroskan work must be paid prior to work or upon arrival to the site to perform the work.

Cost Estimate ACCEPTED BY:

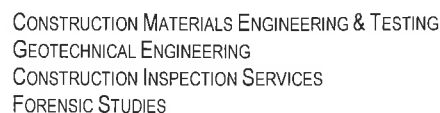
Signature	Title	Date
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Accounts Payable Contact:

Name:	Phone:	Email:
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Please indicate in the space provided authorized field personnel, along with pager or mobile numbers, who may sign our Field Technician's time ticket upon completion of our daily work:

If no names are provided it will be understood no authorized field representative signature was required.



EMAIL



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Waiver of Subrogation – If a Waiver of Subrogation is required by your company, there will be a fee applied to your first invoice. The fee will be a minimum of \$300.00 charge or 1% of contract price plus \$50.00, whichever is greater.

Alliance Geotechnical Group provides no warranty, either expressed or implied, that the testing provided under this contract satisfies all requirements of the plans and specifications for the project, applicable City specifications or other governing bodies that may have jurisdiction over the project.

No reports will be issued until we have a signed contract, purchase order or Letter of Authorization to proceed in our office. Signed contract, purchase order or Letter of Authorization to proceed must be received within 3 days of commencement of services or work stoppage will commence on the 4th day and continue until signed authorization is received in our office.

For projects with new clients under \$1000.00 written authorization must be received prior to the start of work and payments must be received before any reports are issued. Service for welding certifications and ferroskan work must be paid prior to work or upon arrival to site to perform the work.

PLEASE NOTE: In keeping OSHA Safety regulation, Alliance Geotechnical Group employees will not enter a trench to test that is not in compliance with current OSHA regulations. Delays or cancellations caused by waiting for trench(s) to be brought into compliance will be invoiced on an hourly basis.

Alliance Geotechnical Group, Inc.

GENERAL CONDITIONS

1. PARTIES AND SCOPE OF WORK: Alliance Geotechnical Group, Inc., a Texas corporation, doing business as Alliance Geotechnical Group ("Alliance") shall include said company, its particular division, subsidiary or affiliate performing the work. "Work" means the specific engineering design, geotechnical, environmental, or other service(s) performed by Alliance for client as set forth in Alliance's proposal or at client's direction. "This agreement" consists of Alliance's proposal or work order, Alliance's Schedule of Fees, client's written acceptance thereof if accepted by Alliance, and these General Conditions. "Client" refers to the person or business entity ordering the work to be done by Alliance. If client is ordering the work on behalf of another, client represents and warrants that client is the duly authorized agent of said party for the purpose of ordering and directing said work and in such case the term "client" also includes the principal for whom the work is being performed. Prices quoted and charged by Alliance for its work are predicated upon the conditions and the allocations of risks and obligations expressed in this agreement. Unless this agreement specifically provides that Alliance is to perform its work pursuant to specified Federal, State, or local regulations, client assumes sole responsibility for determining whether the quantity and the nature of the work ordered by client is adequate and sufficient for client's intended purpose. Client assumes, and agrees to indemnify Alliance from all third-party liabilities, and shall communicate these General Conditions to each and every third party to whom client transmits any part of Alliance's work product(s). Alliance shall have no duty or obligation to any party other than those duties and obligations expressly set forth in this agreement. Ordering work from Alliance shall constitute acceptance of the terms of this agreement.

2. RESPONSIBILITY: Work shall not include determining, supervising or implementing the means, methods, techniques, sequences or procedures of construction, nor evaluating, reporting or affecting job conditions concerning health, safety or welfare, unless specifically required in the scope of work. Alliance's work or failure to perform same shall not in any way excuse client or any contractor, subcontractor or supplier from performance of its responsibilities in accordance with this agreement or the contract documents.

3. OWNERSHIP OF DOCUMENTS: All documents including Drawings, Reports, and Specifications prepared or furnished by Alliance's independent professional associates and consultants are instruments of service and Alliance shall retain an ownership and property interest therein. Any reuse without written verification, is strictly forbidden and any adaptation by Alliance for the specific purpose intended will be at Client's sole risk.

4. OPINIONS OF COST: As Alliance has no control over the cost of labor, materials, equipment or services furnished by others or over the Contractor(s)' methods of determining prices, or over competitive bidding or market conditions, opinions of probable costs cannot and do not guarantee that proposals, bids or actual total project or construction costs will not vary from opinions of probable cost prepared by Alliance.

5. HAZARDOUS MATERIALS: Alliance's work may include limited visual observation, laboratory analyses or physical testing of samples of subsurface and other materials for the purpose of detection, quantification, or identification of the extent, if any, of contamination of subsurface soils or ground water by "hazardous materials", defined elsewhere in this agreement, or being those materials defined as such by RCRA, 42 USC or those identified as such by a state or the Federal EPA, as more specifically stated in Alliance's proposal. Nothing contained within this agreement shall be construed or interpreted as requiring Alliance to assume the status of an owner, operator, generator, storer, transporter, treater or disposal facility as those terms appear within RCRA, CERCLA or within any Federal or State statute or regulation governing the generation, handling, transport, treatment, storage and disposal of pollutants. Client assumes full responsibility for compliance with the provisions of RCRA and any other Federal or State statute or regulation governing the handling, treatment, storage and disposal of pollutants.

6. SCHEDULING OF WORK: The work as set forth in Alliance's proposal will be accomplished in a timely and workmanlike manner by Alliance personnel. If Alliance is required to delay any part of its work to accommodate the requests or requirements of client, regulatory agencies, or third parties or due to any causes beyond the direct reasonable control of Alliance, additional charges may apply, which client agrees to pay.

7. SITE ACCESS, RESTORATION, & DUTY TO NOTIFY: Client will arrange and provide access to each site upon which it will be necessary for Alliance to perform its work. In the event work is required on any site not owned by client, client represents and warrants to Alliance that client has obtained all necessary permissions for Alliance to enter upon the site and conduct its work. Client shall, upon request, provide Alliance with evidence of such permission as well as acceptance of the other terms and conditions set forth herein by the owner(s) and tenant(s), if applicable, of such site(s) in a form acceptable to Alliance. Any work performed by Alliance to obtain permission to enter upon and do work on the lands of others as well as any work performed by Alliance pursuant to this agreement shall be deemed as being done on behalf of client and client agrees to assume all risks thereof. Alliance shall take reasonable measures and precautions to minimize damage to each site and any improvements located thereon as the result of its work and the use of its equipment; however, Alliance has not included in its fee the cost of restoration of damage which may occur. If client or the possessor of any interest in any site desires or requires Alliance to restore site to its former conditions, upon written request of client, Alliance will perform such additional work as is necessary and client agrees to pay Alliance the cost thereof plus Alliance normal mark-up for overhead and profit. Alliance shall be under no obligation to inform other parties of its activities or discoveries, but shall not be held liable, even if negligent in doing so. Client further recognizes that knowledge of such suspected or actual condition may result in a reduction in a property's value and may provide incentive to owners of properties affected to initiate legal action against client and/or others.

8. CLIENT'S DUTY TO NOTIFY ALLIANCE: Client represents and warrants that he has advised Alliance of any known or suspected hazardous materials, utility lines, underground or overhead structures, and pollutants at any site at which Alliance is to do work hereunder, and unless Alliance has assumed in writing the responsibility of locating subsurface objects, structures, lines or conduits, CLIENT AGREES TO RELEASE, DEFEND, INDEMNIFY AND HOLD HARMLESS ALLIANCE FROM ALL CLAIMS, SUITS, LOSSES, COSTS AND EXPENSES, ("DAMAGES") INCLUDING REASONABLE ATTORNEYS FEES AS A RESULT OF PERSONAL INJURY, DEATH OR PROPERTY DAMAGE OCCURRING WITH RESPECT TO ALLIANCE'S PERFORMANCE OF ITS WORK AND RESULTING FROM OR CAUSED BY CONTACT WITH SUBSURFACE OR LATENT OBJECTS, STRUCTURES, LINES OR CONDUITS WHERE THE ACTUAL OR POTENTIAL PRESENCE AND LOCATION THEREOF WAS NOT REVEALED TO ALLIANCE BY CLIENT REGARDLESS OF WHETHER OR NOT SUCH DAMAGES ARE THE RESULT OF ALLIANCE'S NEGLIGENCE IN WHOLE OR IN PART.

9. LIMITATIONS OF PROCEDURES, EQUIPMENT AND TESTS: Information obtained from observation, analysis and testing of sample materials shall be reported on boring logs or other test reports and may be considered evidence with respect to the detection, quantification and identification of pollutants, but any inference or conclusion based thereon is an opinion based upon engineering judgement and shall not be construed as a representation of fact. Ground water levels and composition may vary due to seasonal and climatic changes and extrinsic conditions and, unless sampling and testing are conducted over an extended period of time, pollutants contained therein may escape detection. A site at which pollutants are not found to exist or at the time of inspection do not in fact exist, may later, due to intervening causes such as natural ground water flows or human intervention, become contaminated. There is a risk that sampling techniques may themselves result in contamination of certain subsurface areas such as when a probe or boring device moves through a contaminated area linking it to an aquifer, underground stream or other hydrous body not previously contaminated. Because the risks set forth in this paragraph may be unavoidable and because the sampling techniques to be employed are a necessary aspect of Alliance's work on client's behalf, client agrees to assume these risks.

10. DISCOVERY OF UNANTICIPATED POLLUTANTS: The discovery of certain pollutants may make it necessary for Alliance to take immediate measures to protect health and safety. Client agrees to reimburse reasonable cost of implementing such measures under the circumstances. Alliance agrees to notify client as soon as practically possible should such pollutants be suspected or discovered.

11. SOIL AND SAMPLE DISPOSAL: Unless otherwise agreed in writing, soils known at the time to be contaminated will be placed in containers, labeled and left on the site for proper disposition by client. Samples

removed by Alliance for laboratory testing will, upon completion of testing, be disposed by the laboratory in an approved manner or returned to the site for disposal by others.

12. WARRANTY: Alliance's work will be performed, its findings obtained and its reports prepared in accordance with this agreement and with generally accepted principles and practices. In performing its professional services Alliance will use that degree of care and skill ordinarily exercised under similar circumstances by members of its profession in the community. THIS IS IN LIEU OF ALL WARRANTIES OR OTHER REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED. STATEMENTS MADE IN ALLIANCE REPORTS ARE OPINIONS BASED ON ENGINEERING JUDGEMENT AND ARE NOT TO BE CONSTRUED AS REPRESENTATIONS OF FACT.

IF ALLIANCE OR ANY OF ITS PROFESSIONAL EMPLOYEES IS FOUND TO HAVE BEEN NEGLIGENT IN THE PERFORMANCE OF ITS WORK, OR TO HAVE MADE AND BREACHED ANY EXPRESS OR IMPLIED WARRANTY, REPRESENTATION OR CONTRACT, CLIENT, ALL PARTIES CLAIMING THROUGH CLIENT AND ALL PARTIES CLAIMING TO HAVE IN ANY WAY RELIED UPON ALLIANCE'S WORK AGREE THAT THE MAXIMUM AGGREGATE AMOUNT OF THE 100% OF THE FEE PAID TO ALLIANCE FOR ITS WORK PERFORMED HEREUNDER.

CLIENT HEREBY RELEASES ALLIANCE FROM ANY SUCH EXCESS LIABILITY, REGARDLESS OF ALLIANCE'S FAULT, NEGLIGENCE, OR STRICT LIABILITY. NEITHER PARTY HERETO SHALL BE RESPONSIBLE OR HELD LIABLE TO THE OTHER FOR PUNITIVE, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION, LIABILITY FOR LOSS OF USE OF ANY EXISTING PROPERTY, LOSS OF PROFITS, LOSS OF PRODUCT OR BUSINESS INTERRUPTION HOWEVER THE SAME MAY BE CAUSED, INCLUDING THE FAULT OR NEGLIGENCE OR STRICT LIABILITY OF EITHER PARTY. THE REMEDIES PROVIDED HEREIN ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER REMEDIES WHICH MAY BE OR BECOME AVAILABLE TO EITHER PARTY TO THIS AGREEMENT AT LAW OR IN EQUITY.

13. INDEMNITY: Subject to the foregoing limitations, Alliance agrees to indemnify and hold client harmless from and against any and all claims, suits, costs and expenses including reasonable attorney's fees and court costs arising out of Alliance's negligence to the extent of Alliance's negligence. Client shall provide the same protection to the extent of its negligence. In the event that client or client's principal shall bring any suit, cause of action, claim or counterclaim against Alliance, the party initiating such action shall pay to Alliance the costs and expenses incurred by Alliance to investigate, answer and defend it, including reasonable attorney's and witness fees and court costs to the extent that Alliance shall prevail in such suit. The general liability coverage's are on a primary and non-contributory basis.

14. PAYMENT: Client shall be invoiced periodically for work performed during the preceding period. Client agrees to pay each invoice within thirty (30) days of its receipt. Client further agrees to pay interest on all amounts invoiced and not paid or objected to for valid cause in writing within said thirty (30) day period at the maximum interest rate permitted under applicable law, until paid. Client agrees to pay Alliance's cost of collection of all amounts due and unpaid after sixty (60) days, including court costs and reasonable attorney's fees. Alliance shall not be bound by any provision or agreement requiring or providing for arbitration of disputes or controversies arising out of this agreement, any provision wherein Alliance waives any rights to a mechanic's lien, or any provision conditioning Alliance's right to receive payment for its work upon payment to client by any third party. These general conditions are notice as may be required pursuant to the Texas Property Code or otherwise, where required, that Alliance shall file a lien whenever necessary to collect past due amounts. Failure to make payment within 30 days of invoice shall constitute a release of Alliance from any and all claims which client may have, either in tort or contract, and whether known or unknown at the time.

15. TERMINATION: This Agreement may be terminated by either party upon seven (7) day's prior written notice. In the event of termination, Alliance shall be compensated by client for all work performed up to and including the termination date, including reimbursable expenses as per the Alliance Rate Schedule of Budget Schedule.

16. WITNESS FEES: Alliance's employees shall not be retained as expert witnesses except by separate, written agreement. Client agrees to pay Alliance at a rate two times Alliance's then current fee schedule plus all expenses incurred for any Alliance employee subpoenaed by any party as an occurrence witness as a result of Alliance's work.

17. ENTIRE AGREEMENT, TITLES, AND CONTROLLING LAW: This agreement contains the entire understanding between the parties. Client acknowledges that no representations, warranties, undertakings or promises have been made other than and except those expressly contained herein. This agreement may be amended, modified or terminated only by a written instrument signed by each of the parties hereto. In the event any of the provisions of these general conditions should be found to be unenforceable, it shall be stricken and the remaining provisions shall be enforceable. The titles or paragraph headings used in this agreement are for general reference only, are not part of the agreement, and shall not be construed as establishing or limiting the meaning of the provisions contained herein. This agreement shall be subject to the law and jurisdiction of the State of Texas, without application of principles of conflicts-of-laws. Venue shall be proper only in the courts of Dallas County, Texas.

18. MEDIATION: In an effort to resolve any conflicts that arise during the design or construction of the project, or following the completion of the project, or in any regard to the work Alliance provides, the Client and Alliance agree that all disputes between them arising out of or relating to this Agreement shall be submitted to nonbinding mediation unless the parties mutually agree otherwise. The Client and Alliance further agree to include a similar mediation provision in all agreements with independent contractors and consultants retained for the project and to require all independent contractors and consultants also to include a similar mediation provision in all agreements with subcontractors, subconsultants, suppliers or fabricators so retained, thereby providing for mediation as the primary method for dispute resolution between the parties to those agreements.

19. CERTIFICATION STATEMENTS: Any "certification statement" as a result or conclusion of Alliance's services, as may be requested by the Client or third parties for legal, loan, real estate, and other purposes, will be provided upon request, at additional charge, at the sole discretion of Alliance, unless specifically agreed to otherwise in writing. In providing such a "certification", Alliance will state only what, in its professional opinion, is reasonably supported by available data and related analyses. When "certification statements" are provided by Alliance, standardized language (if requested to be used by the Client, its agents, or third parties) will be modified by Alliance as necessary, at its sole discretion. Refusal by Alliance to use certain standardized language, words, and phrases in "certification statements" shall neither constitute incomplete services by Alliance, nor relieve Client of its obligation to compensate Alliance in full for services provided hereunder.

20. CONTINUITY OF SERVICES: Alliance shall not be responsible for implementation of its geotechnical recommendations if not retained to adequately field verify same during construction.

Revised February 17, 2016 – Alliance Geotechnical Group, Inc., a Texas corporation