



Midwest Engineering and Testing, Inc.
geotechnical - environmental - materials engineers
501 Mercury Drive
Champaign, Illinois 61822
217-359-2128
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www.metgeotech.com

August 12, 2024

Mr. Jeff Blue
Champaign County Engineer
Champaign County Highway Department
1605 East Main Street
Urbana, Illinois 61802
jblue@champaigncountyil.gov

Re: Proposal for Structural Borings
Proposed Culvert Replacement
TR 83 over Spoon River
Section 24-06141-00-BR
SN 010-4053
Champaign County, Illinois
MET Proposal No. C24174

Dear Mr. Blue:

As outlined in a recent request from WHKS, Midwest Engineering and Testing, Inc. (MET) is pleased to submit this proposal to provide drilling services at the above-referenced site. A brief description of our understanding of the project and a discussion of the scope of services to be provided are outlined in the following paragraphs.

It is understood that soil test borings are required for a proposed culvert replacement project for Spoon River Culvert, located east of the intersection of County Road 2300 E (CH 32) and County Road 2700 North, south of Gifford, Illinois.. A total of two borings are proposed, with one behind each edge of the existing culvert. The borings will be performed following the IDOT Geotechnical Manual, Section 3.4.3.2 Borings guidelines. Based on our experience, we anticipate encountering primarily glacial drift deposits over bedrock. The borings will be advanced to the depths outlined in the IDOT Geotechnical Manual, but for budgeting purposes, we estimate that the borings will need to extend to depths of about 50 ft. below the existing grade. Upon completion of the drilling, the boreholes will be backfilled and compacted with the auger and the surface will be patched with cold-patch asphalt. It is understood that the ADT of 2700 North is 35 and traffic control flaggers have not been included, however appropriate signs and cones will be provided.

The borings will be performed with a track or truck-mounted drilling rig using a conventional hollow-stem auger to advance the holes. Soil samples will be obtained using split-barrel sampling techniques at 2.5-ft. intervals through a depth of 30 feet and at 5-ft. intervals thereafter. The depth of groundwater will be noted during the drilling operations and measured in the open boreholes upon completion. A one-call utility locate will be performed to verify the locations of underground utilities before mobilization.

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Page 2

Appropriate laboratory testing will be performed following ASTM standards to adequately characterize the soil at the project site. The laboratory testing will include at a minimum, moisture content tests, and unconfined compression tests on all intact cohesive samples. A geotechnical engineer will classify all soils following the Unified Soil Classification system. Typed boring logs in IDOT format will be provided.

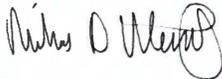
MET proposes to perform the soil borings and provide the borings logs on a unit price basis as outlined on the attached estimate worksheet. The soil borings will likely be completed within one (1) day, and the boring logs will be submitted within two (2) weeks after completion of the field activities.

If you have any questions regarding this proposal, please contact us at your convenience. MET will proceed with the work based on verbal authorization. If this proposal is acceptable, please acknowledge by signing the acceptance block found at the end of this proposal. We are looking forward to working with you on this project.

Sincerely,

Midwest Engineering & Testing, Inc.

Ekaterina Barteneva
Geotechnical Project Engineer



Nicholas D. Wendling, P.E.
Geotechnical Department Manager

Enclosure: Estimate Worksheet
Location Map
General Conditions

Name:

Jeff Blue

Signature:

[Handwritten Signature]

Title:

County Engineer

Company:

Champaign County

Date:

8/12/24



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Estimate Worksheet

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<u>ESTIMATE WORKSHEET</u>	<u>Quantity</u>	<u>Unit Fee</u>	<u>Total</u>
<i>Field Exploration Services</i>			
Mobilization of drilling equipment and personnel	1 Lump Sum	\$500.00	\$500.00
Support vehicle	1 Days	\$150.00	\$150.00
Soil drilling and sampling per ft. (0-50 ft. depth)	100 Feet	\$17.00	\$1,700.00
Soil drilling and sampling per ft. (50-75 ft. depth)	0 Feet	\$20.00	\$0.00
Flagger for traffic control per man hour	0 Hours	\$65.00	\$0.00
Traffic Control Equipment and Setup per Day	1 Days	\$250.00	\$250.00
Subtotal for Field Service:			\$2,600.00
<i>Geotechnical Laboratory Soil Testing Services</i>			
Unconfined compressive strength tests	13 Tests	\$10.00	\$130.00
Moisture content tests	31 Tests	\$5.00	\$155.00
Dry Density Tests	13 Tests	\$5.00	\$65.00
Subtotal for Lab Service:			\$350.00
<i>Engineering Services</i>			
Project Engineer- Coordination, and Log Preparation	4 Hours	\$150.00	\$600.00
Principal Engineer- Report Review and Consultation	1 Hours	\$200.00	\$200.00
Subtotal for Engineering Services:			\$800.00
TOTAL ESTIMATED FEE:			\$3,750.00



GENERAL CONDITIONS
Midwest Engineering and Testing, Inc. (MET)
Geotechnical Services

Item 1. Scope of Work. Midwest Engineering and Testing, Inc. (MET) shall perform services in accordance with an "agreement" made with the "client." The agreement consists of MET's proposal, Standard Fee Schedule, and these General Conditions. The "client" is defined as the person or entity requesting and/or authorizing the work, and in doing so, client represents and warrants that he is duly authorized in this role, even if performed on behalf of another party or entity, in which case the other party or entity is also considered as the client. The acceptance of MET's proposal signifies the acceptance of the terms of this agreement.

The fees for services rendered will be billed in accordance with the Standard Fee Schedule; unit rates for services not covered in the fee schedule or elsewhere in the agreement can be provided. The standard prices proposed for the work are predicated upon the client's acceptance of the conditions and allocations of risks and obligations described in the agreement. The client shall impart the terms of this agreement to any third party to whom client releases any part of MET's work. MET shall have no obligations to any party other than those expressed in this agreement.

Item 2. Site Access. The client will provide for the right-of-access to the work site. In the event the work site is not owned by the client, client represents to MET that all necessary permissions for MET to enter the site and conduct the work have been obtained. While MET shall exercise reasonable care to minimize damage to the property, the client understands that some damage may occur during the normal course of work, that MET has not included in its fee the cost of restoration of damage, and that client will pay for such restoration costs.

Item 3. Utilities. In the performance of its work, MET will take all reasonable precautions to avoid damage to underground structures or utilities, and will rely on utility locator services to correctly identify their buried service lines, and on plans, drawings or sketches made available and provided by the client. The client agrees to hold MET harmless and indemnify MET from any claims, expenses, or other liabilities, including reasonable attorney fees, incurred by MET for any damages to underground structures and utilities which were not correctly and clearly shown on the plans provided to MET or otherwise disclosed by the client or utility locator service. MET will be responsible for ordering the utility locator services only if expressly set forth in the scope of the proposal.

Item 4. Hazardous Materials and Conditions. Prior to the start of services, or at the earliest time such information is learned, it shall be the duty of the client, or other involved or contacted parties, to advise MET of any known or suspected undocumented fills, hazardous materials, byproducts, or constituents, and any known environmental, geologic, and geotechnical conditions, which exist on or near any premises upon which work is to be performed by MET employees or subcontractors or which in any other way may be pertinent to MET's proposed services.

The discovery of unanticipated hazardous materials, or suspected hazardous materials, may require that special and immediate measures be exercised to protect the health and safety of MET site personnel and/or the public. MET may at its option and on the basis of its judgment and opinion, exercise such precautions to complete the project, or terminate further work on the project. In either case, the client will be notified as soon as practically possible, and the client agrees to bear all reasonable and equitable cost adjustments, if any, associated with such measures taken.

MET's work shall include visual observation and laboratory testing of subsurface water and soil samples obtained by intrusive sampling of the subsurface, for the purpose of evaluating the geotechnical characteristics of the subsoil relative to the project. As such, MET does not create, generate, transport or at any time own or store hazardous materials in the performance of its work. The client will take possession of and be responsible for the proper disposal of all hazardous materials including, but not limited to samples, drilling fluids and cuttings, decontamination and well development fluids, and used disposable protective gear and equipment.

Item 5. Confidentiality. MET shall hold confidential the business and technical information obtained or generated in performance of services under this agreement and identified in writing by the client as "confidential." MET shall not disclose such information except if such disclosure is required by governmental statute, ordinance, or regulation; for compliance with professional standards of conduct for public safety, health, and welfare concerns; or for protection of MET against claims or liabilities arising from performance of its services.

The technical and pricing information contained in any report or proposal submitted by MET is to be considered confidential and proprietary, and shall not be released or otherwise made available to any third party without the express written consent of MET.

Item 6. Standard of Care. MET will perform the services under this agreement in accordance with generally accepted practice, in a manner consistent with the level of care and skill ordinarily exercised by members of this profession under similar circumstances. No other warranties implied or expressed, in fact or by law, are made or intended in this agreement. The client recognizes that subsurface soil and groundwater conditions can vary between sampling points and with time, and that the interpretation of data, and opinions and recommendations made by MET are based solely on obtained data. Such limitations can result in a redirection of conclusions and interpretations where new or changed information is obtained. MET will not be responsible for the interpretation by others, of data obtained by MET for the geotechnical study.

Item 7. Technical Methodology and Protocol. MET will select generally accepted methods and procedures it considers appropriate to accomplish the intended and understood purpose of its services within the scope of this agreement, and the client signifies concurrence with these methods and procedures by acceptance of this agreement. In the event other methods or procedures are preferred by the client or considered more appropriate, a written description or designation of these must be provided prior to execution of this agreement.

Item 8. Limitations of Liability. The client agrees to limit MET's liability to the client and all parties claiming through the client or otherwise claiming reliance on MET's services, allegedly arising from MET's professional acts or errors and omissions, to a sum not to exceed MET's applicable insurance limits. In no event shall MET or any other party to this agreement, including parties which may have or claim to have a direct or indirect reliance on MET's services, be liable to the other parties for incidental, indirect, or consequential damages arising from any cause.

Item 9. Insurance. MET represents that the company maintains general liability and property damage insurance coverage considered adequate and comparable with coverage maintained by other similar firms, and that MET's employees are covered by Workman's Compensation Insurance. Certificates of insurance can be provided to the client upon written request. MET shall not be responsible for any loss, damage, or liability beyond the insurance limits and conditions.

Item 10. Modifications. This agreement and all attachments pursuant to this agreement represents the entire understanding between the parties, and neither the client nor MET may amend or modify any aspect of this contract unless such alterations are reduced to writing and properly executed by the parties hereto. These terms and conditions shall supersede all prior or contemporaneous communications, representations, or agreements, and any provisions expressed or implied in the request for proposal, purchase order, authorization to proceed, or other contradictory provisions, whether written or oral.

Item 11. Payment. Invoices for performed work will be submitted monthly for services rendered the prior month, payable within 30 days of invoice date. The fees quoted are based upon an expected timely payment. An interest charge of 1.5% per month will be added to delinquent charges; however, MET at its option may terminate its services due to clients failure to pay when due. In the event of termination of services prior to completion, client shall compensate MET for all services performed prior to and for such termination.