

**PROFESSIONAL SERVICES WORK STATEMENT
AGREEMENT BETWEEN
MATERIALS TESTING CONSULTANTS, INC.
AND THE CITY OF ANN ARBOR FOR
CONSTRUCTION MATERIAL TESTING SERVICES**

This agreement ("Agreement") is between the CITY OF ANN ARBOR, a Michigan municipal corporation, 301 E. Huron St. Ann Arbor, Michigan 48104 ("City"), and MATERIALS TESTING CONSULTANTS, INC., a(n) Michigan corporation, 253 Dino Drive, Ste B, Ann Arbor, Michigan 48103 ("Contractor"). City and Contractor agree as follows:

1. DEFINITIONS

Administering Service Area/Unit means **Public Services / Engineering**.

Contract Administrator means Nicholas Hutchinson, acting personally or through any assistants authorized by the Administrator/Manager of the Administering Service Area/Unit.

Deliverables means all documents, plans, specifications, reports, recommendations, and other materials developed for and delivered to City by Contractor under this Agreement.

Effective Date means the date this Agreement is signed by the last party to sign it.

Services means Construction Material Testing Services as further described in Exhibit A.

Work Statement means a written instrument between Contractor and the City that describes specific services or deliverables that Contractor shall provide pursuant to this Agreement, which also meets the following requirements:

- A. Includes substantially the following statement: "This is a Work Statement under Contractor's Services Agreement with the City of Ann Arbor dated [insert date of this Agreement]."
- B. Is signed on behalf of both parties by their authorized representatives. The required signatures for the City are: (1) City Administrator; (2) Administrator of the Administering Service Area/Unit approved as to substance; and (3) City Attorney approved as to form and content.
- C. Contains the following three mandatory items:
 - (1) Description or specifications of the services to be performed and the Deliverables to be delivered to City;
 - (2) The amount of payment; and
 - (3) The time schedule for performance and for delivery of the Deliverables.

In addition, when applicable, the Work Statement may include such other terms and conditions as may be mutually agreeable between the City and Contractor. If a Work Statement conflicts with this Agreement, the terms of this Agreement shall prevail.

2. DURATION

- A. The obligations of this Agreement shall apply beginning on the Effective Date and this Agreement shall remain in effect until satisfactory completion of the Services unless terminated as provided for in this Agreement.

3. SERVICES

- A. Contractor shall perform all Services pursuant to one or more Work Statements developed pursuant to Exhibit A and agreed to by the City and Contractor. Contractor acknowledges that: (1) there is no guarantee or implied promise that the City will issue a Work Statement pursuant to this Agreement; (2) the City is under no obligation to issue or consent to any Work Statement; and (3) this Agreement is non-exclusive.
 - 1. Contractor shall furnish all materials, equipment, and labor necessary for the Services in accordance with the requirements and provisions of each of the following documents ("Contract Documents"), including all written modifications incorporated into the documents:
 - (a) This Agreement and its Exhibits.
 - (b) RFP No 23-66 and all Addendums thereto.
 - (c) Bid Proposal of Contractor, dated December 19, 2023, and restated and attached as Exhibit A.
 - 2. The Contract Documents are complementary and what is called for by any one shall be binding. The intention of the documents is to include all materials, equipment, labor, and transportation necessary for the proper execution of the Services. Materials or work described in words that have a well-known technical or trade meaning shall have that technical or trade meaning. In case of a conflict among the Contract Documents, the document listed first above shall prevail over any conflicting requirement of a document listed later.
 - 3. The City, through the Contract Administrator, retains the right to make changes to the quantities of Services within the general scope of the Agreement or within a Work Statement at any time by a written order. If the changes add to or deduct from the extent of the Services, the compensation shall be adjusted accordingly. All such changes shall be performed under the conditions of the original Agreement.
- B. Quality of Services under this Agreement shall be of the level of quality performed by persons regularly rendering this type of service. Determination of acceptable quality shall be made solely by the Contract Administrator.
- C. Contractor shall perform Services in compliance with all applicable statutory, regulatory, and contractual requirements now or hereafter in effect. Contractor shall also comply with and be subject to City policies applicable to independent contractors.
- D. Contractor may rely upon the accuracy of reports and surveys provided by the City, except when a defect should have been apparent to a reasonably competent

professional or when Contractor has actual notice of a defect.

4. INDEPENDENT CONTRACTOR

- A. The parties agree that at all times and for all purposes under the terms of this Agreement each party's relationship to any other party shall be that of an independent contractor. Each party is solely responsible for the acts of its own employees, agents, and servants. No liability, right, or benefit arising out of any employer-employee relationship, either express or implied, shall arise or accrue to any party as a result of this Agreement.
- B. Contractor does not have any authority to execute any contract or agreement on behalf of the City, and is not granted any authority to assume or create any obligation or liability on the City's behalf, or to bind the City in any way.

5. COMPENSATION OF CONTRACTOR

- A. The total amount of compensation paid to Contractor under this Agreement shall not exceed \$830,000.00, which shall be paid upon invoice by Contractor to the City for services rendered according to the schedule in Exhibit B or applicable Work Statement. Compensation of Contractor includes all reimbursable expenses unless a schedule of reimbursable expenses is included in an attached Exhibit B. Expenses outside those identified in the attached schedule must be approved in advance by the Contract Administrator.
- B. Payment shall be made monthly following receipt of invoices submitted by Contractor and approved by the Contract Administrator, unless a different payment schedule is specified in Exhibit B.
- C. Contractor shall be compensated for additional work or Services beyond those specified in this Agreement only when the scope of and compensation for the additional work or Services have received prior written approval of the Contract Administrator.
- D. Contractor shall keep complete records of work performed (e.g. tasks performed, hours allocated, etc.) so that the City may verify invoices submitted by Contractor. Such records shall be made available to the City upon request and submitted in summary form with each invoice.

6. INSURANCE/INDEMNIFICATION

- A. Contractor shall procure and maintain from the Effective Date or Commencement Date of this Agreement (whichever is earlier) through the conclusion of this Agreement, such insurance policies, including those required by this Agreement, as will protect itself and the City from all claims for bodily injury, death, or property damage that may arise under this Agreement; whether the act(s) or omission(s) giving rise to the claim were made by Contractor, Contractor's subcontractor, or anyone employed by Contractor or Contractor's subcontractor directly or indirectly. Prior to commencement of work under this Agreement, Contractor shall provide documentation to the City

demonstrating Contractor has obtained the policies and endorsements required by this Agreement. Contractor shall provide such documentation in a form and manner satisfactory to the City. Currently, the City requires insurance to be submitted through its contractor, myCOI. Contractor shall add registration@mycoitracking.com to its safe sender's list so that it will receive necessary communication from myCOI. When requested, Contractor shall provide the same documentation for its subcontractors.

- B. All insurance providers of Contractor shall be authorized to do business in the State of Michigan and shall carry and maintain a minimum rating assigned by A.M. Best & Company's Key Rating Guide of "A-" Overall and a minimum Financial Size Category of "V". Insurance policies and certificates issued by non-authorized insurance companies are not acceptable unless approved in writing by the City.
- C. To the fullest extent permitted by law, Contractor shall indemnify, defend, and hold the City and its officers, employees, and agents harmless from all suits, claims, judgments, and expenses, including attorney's fees, resulting or alleged to result, from an act or omission by Contractor or Contractor's employees or agents occurring in the performance or breach of this Agreement, except to the extent that any suit, claim, judgment, or expense are finally judicially determined to have resulted from the City's negligence, willful misconduct, or failure to comply with a material obligation of this Agreement. The obligations of this paragraph shall survive the expiration or termination of this Agreement.
- D. Contractor is required to have the following minimum insurance coverage:
 - 1. Professional Liability Insurance or Errors and Omissions Insurance protecting Contractor and its employees - \$1,000,000.
 - 2. Commercial General Liability Insurance equivalent to, as a minimum, Insurance Services Office form CG 00 01 04 13 or current equivalent. The City of Ann Arbor shall be an additional insured. There shall be no added exclusions or limiting endorsements that diminish the City's protections as an additional insured under the policy.

\$1,000,000	Each occurrence as respects Bodily Injury Liability or Property Damage Liability, or both combined
\$2,000,000	Per project General Aggregate
\$1,000,000	Personal and Advertising Injury
 - 3. Worker's Compensation Insurance in accordance with all applicable state and federal statutes; also, Employers Liability Coverage for:

Bodily Injury by Accident - \$500,000 each accident
Bodily Injury by Disease - \$500,000 each employee
Bodily Injury by Disease - \$500,000 each policy limit
 - 4. Motor Vehicle Liability Insurance equivalent to, as a minimum, Insurance Services Office form CA 00 01 10 13 or current equivalent. Coverage shall include all owned vehicles, all non-owned vehicles and all hired vehicles. The City of Ann Arbor shall be an additional insured. There shall be no added exclusions or limiting endorsements that diminish the City's protections as an

additional insured under the policy. The limits of liability shall be \$1,000,000 for each occurrence as respects Bodily Injury Liability or Property Damage Liability, or both combined.

5. Umbrella/Excess Liability Insurance shall be provided to apply in excess of the Commercial General Liability, Employers Liability and the Motor Vehicle coverage enumerated above, for each occurrence and for aggregate in the amount of \$1,000,000.
- E. Commercial General Liability Insurance and Motor Vehicle Liability Insurance (if required by this Agreement) shall be considered primary as respects any other valid or collectible insurance that the City may possess, including any self-insured retentions the City may have; and any other insurance the City does possess shall be considered excess insurance only and shall not be required to contribute with this insurance. Contractor agrees to waive any right of recovery by its insurer against the City for any insurance listed herein.
- F. Insurance companies and policy forms are subject to approval of the City Attorney, which approval shall not be unreasonably withheld. Documentation must provide and demonstrate an unconditional and unqualified 30-day written notice of cancellation in favor of the City of Ann Arbor. Further, the documentation must explicitly state the following: (a) the policy number(s); name of insurance company; name(s), email address(es), and address(es) of the agent or authorized representative; name and address of insured; project name; policy expiration date; and specific coverage amounts; (b) any deductibles or self-insured retentions, which may be approved by the City in its sole discretion; (c) that the policy conforms to the requirements specified. Contractor shall furnish the City with satisfactory certificates of insurance and endorsements prior to commencement of any work. If any of the above coverages expire by their terms during the term of this Agreement, Contractor shall deliver proof of renewal and/or new policies and endorsements to the Administering Service Area/Unit at least ten days prior to the expiration date.

7. WAGE AND NONDISCRIMINATION REQUIREMENTS

- A. Nondiscrimination. Contractor shall comply, and require its subcontractors to comply, with the nondiscrimination provisions of MCL 37.2209. Contractor shall comply with the provisions of Section 9:158 of Chapter 112 of Ann Arbor City Code and assure that Contractor's applicants for employment and employees are treated in a manner which provides equal employment opportunity.
- B. Living Wage. If Contractor is a "covered employer" as defined in Chapter 23 of Ann Arbor City Code, Contractor must comply with the living wage provisions of Chapter 23 of Ann Arbor City Code, which requires Contractor to pay those employees providing Services to the City under this Agreement a "living wage," as defined in Section 1:815 of the Ann Arbor City Code, as adjusted in accordance with Section 1:815(3); to post a notice approved by the City of the applicability of Chapter 23 in every location in which regular or contract employees providing services under this Agreement are working; to maintain records of compliance; if requested by the City, to provide documentation to verify compliance; to take no action that would reduce the compensation, wages, fringe benefits, or leave available to any employee or person contracted for employment in order to pay the living wage required by Section 1:815;

and otherwise to comply with the requirements of Chapter 23.

8. REPRESENTATIONS AND WARRANTIES BY CONTRACTOR

- A. Contractor warrants that the quality of Services shall conform to the level of quality performed by persons regularly rendering this type of service.
- B. Contractor warrants that it has all the skills, experience, and professional and other licenses necessary to perform the Services.
- C. Contractor warrants that it has available, or will engage at its own expense, sufficient trained employees to provide the Services.
- D. Contractor warrants that it has no personal or financial interest in this Agreement other than the fee it is to receive under this Agreement. Contractor certifies that it will not acquire any such interest, direct or indirect, which would conflict in any manner with the performance of the Services. Contractor certifies that it does not and will not employ or engage any person with a personal or financial interest in this Agreement.
- E. Contractor warrants that it is not, and shall not become overdue or in default to the City for any contract, debt, or any other obligation to the City, including real and personal property taxes. Further Contractor agrees that the City shall have the right to set off any such debt against compensation awarded for Services under this Agreement.
- F. Contractor warrants that its bid or proposal for services under this Agreement was made in good faith, that it arrived at the costs of its proposal independently, without consultation, communication, or agreement for the purpose of restricting competition as to any matter relating to such costs with any competitor for these services; and no attempt has been made or will be made by Contractor to induce any other person or entity to submit or not to submit a bid or proposal for the purpose of restricting competition.
- G. The person signing this Agreement on behalf of Contractor represents and warrants that they have express authority to sign this Agreement for Contractor and agrees to hold the City harmless for any costs or consequences of the absence of actual authority to sign.
- H. The obligations, representations, and warranties of this section 8 shall survive the expiration or termination of this Agreement.

9. OBLIGATIONS OF THE CITY

- A. The City shall give Contractor access to City properties and project areas as required to perform the Services.
- B. The City shall notify Contractor of any defect in the Services of which the Contract Administrator has actual notice.

10. ASSIGNMENT

- A. Contractor shall not subcontract or assign any portion of any right or obligation under this Agreement without prior written consent from the City. Notwithstanding any consent by the City to any assignment, Contractor shall at all times remain bound to all warranties, certifications, indemnifications, promises, and performances required of Contractor under the Agreement unless specifically released from the requirement in writing by the City.
- B. Contractor shall retain the right to pledge payments due and payable under this Agreement to third parties.

11. TERMINATION OF AGREEMENT

- A. If either party is in breach of this Agreement for a period of 15 days following receipt of notice from the non-breaching party with respect to the breach, the non-breaching party may pursue any remedies available against the breaching party under applicable law, including the right to terminate this Agreement without further notice. The waiver of any breach by any party to this Agreement shall not waive any subsequent breach by any party.
- B. The City may terminate this Agreement, on at least 30 days' advance notice, for any reason, including convenience, without incurring any penalty, expense, or liability to Contractor, except the obligation to pay for Services actually performed under the Agreement before the termination date.
- C. Contractor acknowledges that if this Agreement extends for several fiscal years, continuation of this Agreement is subject to appropriation of funds through the City budget process. If funds are not appropriated or otherwise made available, the City shall have the right to terminate this Agreement without penalty at the end of the last period for which funds have been appropriated or otherwise made available by giving written notice of termination to Contractor. The Contract Administrator shall give Contractor written notice of such non-appropriation within 30 days after the Contract Administrator has received notice of such non-appropriation.
- D. The expiration or termination of this Agreement shall not release either party from any obligation or liability to the other party that has accrued at the time of expiration or termination, including a payment obligation that has already accrued and Contractor's obligation to deliver all Deliverables due as of the date of termination of the Agreement.

12. REMEDIES

- A. This Agreement does not, and is not intended to, impair, divest, delegate, or contravene any constitutional, statutory, or other legal right, privilege, power, obligation, duty, or immunity of the parties.
- B. All rights and remedies provided in this Agreement are cumulative and not exclusive, and the exercise by either party of any right or remedy does not preclude the exercise

of any other rights or remedies that may now or subsequently be available at law, in equity, by statute, in any other agreement between the parties, or otherwise.

- C. Absent a written waiver, no act, failure, or delay by a party to pursue or enforce any right or remedy under this Agreement shall constitute a waiver of that right with regard to any existing or subsequent breach of this Agreement. No waiver of any term, condition, or provision of this Agreement, whether by conduct or otherwise, shall be deemed or construed as a continuing waiver of any term, condition, or provision of this Agreement. No waiver by either party shall subsequently affect the waiving party's right to require strict performance of this Agreement.

13. NOTICE

All notices and submissions required under this Agreement shall be delivered to the respective party in the manner described herein to the address stated below or such other address as either party may designate by prior written notice to the other. Notices given under this Agreement shall be in writing and shall be personally delivered, sent by next day express delivery service, certified mail, or first class U.S. mail postage prepaid, and addressed to the person listed below. Notice will be deemed given on the date when one of the following first occur: (1) the date of actual receipt; (2) the next business day when notice is sent next day express delivery service or personal delivery; or (3) three days after mailing first class or certified U.S. mail.

If Notice is sent to Contractor:

MATERIALS TESTING CONSULTANTS, INC.
ATTN: Daniel Elliott
253 Dino Drive, Ste B
Ann Arbor, Michigan 48103

If Notice is sent to the City:

City of Ann Arbor
ATTN: Nicholas Hutchinson
301 E. Huron St.
Ann Arbor, Michigan 48104

With a copy to: The City of Ann Arbor
ATTN: Office of the City Attorney
301 East Huron Street, 3rd Floor
Ann Arbor, Michigan 48104

14. CHOICE OF LAW AND FORUM

This Agreement will be governed and controlled in all respects by the laws of the State of Michigan, including interpretation, enforceability, validity and construction, excepting the principles of conflicts of law. The parties submit to the jurisdiction and venue of the Circuit Court for Washtenaw County, State of Michigan, or, if original jurisdiction can be established, the United States District Court for the Eastern District of Michigan, Southern Division, with respect to any action arising, directly or indirectly, out of this Agreement or the performance or breach of this Agreement. The parties stipulate that the venues referenced in this Agreement are convenient

and waive any claim of non-convenience.

15. OWNERSHIP OF DOCUMENTS

Upon completion or termination of this Agreement, all Deliverables prepared by or obtained by Contractor as provided under the terms of this Agreement shall be delivered to and become the property of the City. Original basic survey notes, sketches, charts, drawings, partially completed drawings, computations, quantities, and other data shall remain in the possession of Contractor as instruments of service unless specifically incorporated in a Deliverable, but shall be made available, upon request, to the City without restriction or limitation on their use. The City acknowledges that the documents are prepared only for the Services. Prior to completion of the Services the City shall have a recognized proprietary interest in the work product of Contractor.

16. CONFLICTS OF INTEREST OR REPRESENTATION

Contractor certifies it has no financial interest in the Services to be provided under this Agreement other than the compensation specified herein. Contractor further certifies that it presently has no personal or financial interest, and shall not acquire any such interest, direct or indirect, which would conflict in any manner with its performance of the Services under this Agreement.

Contractor agrees to advise the City if Contractor has been or is retained to handle any matter in which its representation is adverse to the City and to obtain the City's consent therefor. The City's prospective consent to Contractor's representation of a client in matters adverse to the City, as identified above, will not apply in any instance where, as the result of Contractor's representation, Contractor has obtained sensitive, proprietary, or otherwise confidential information of a non-public nature that, if known to another client of Contractor, could be used in any such other matter by the other client to the material disadvantage of the City. Each matter will be reviewed on a case by case basis.

17. SEVERABILITY OF PROVISIONS

Whenever possible, each provision of this Agreement will be interpreted in a manner as to be effective and valid under applicable law. However, if any provision of this Agreement or the application of any provision to any party or circumstance is prohibited by or invalid under applicable law, that provision will be ineffective to the extent of the prohibition or invalidity without invalidating the remainder of the provisions of this Agreement or the application of the provision to other parties and circumstances.

18. EXTENT OF AGREEMENT

This Agreement, together with all Exhibits and the Contract Documents constitutes the entire understanding between the City and Contractor with respect to the subject matter of the Agreement and it supersedes, unless otherwise incorporated by reference herein, all prior representations, negotiations, agreements, or understandings, whether written or oral. Neither party has relied on any prior representations in entering into this Agreement. No terms or conditions of either party's invoice, purchase order, or other administrative document shall modify the terms and conditions of this Agreement, regardless of the other party's failure to object to such terms or conditions. This Agreement shall be binding on and shall inure to the benefit of the parties

to this Agreement and their permitted successors and permitted assigns and nothing in this Agreement, express or implied, is intended to or shall confer on any other person or entity any legal or equitable right, benefit, or remedy of any nature whatsoever under or by reason of this Agreement. This Agreement may only be altered, amended, or modified by written amendment signed by Contractor and the City. This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement.

19. ELECTRONIC TRANSACTION

The parties agree that signatures on this Agreement may be delivered electronically or by facsimile in lieu of a physical signature and agree to treat electronic or facsimile signatures as binding.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK; SIGNATURE PAGES FOLLOW]

**MATERIALS TESTING
CONSULTANTS, INC.**

By: _____

Name: Daniel Elliott

Title: Vice President and Regional
Manager

Date: _____

CITY OF ANN ARBOR

By: _____

Name: Milton Dohoney Jr.

Title: City Administrator

Date: _____

Approved as to substance:

By: _____

Name: Brian Steglitz

Title: Public Services Area
Administrator

Date: _____

Approved as to form:

By: _____

Name: Atleen Kaur

Title: City Attorney

Date: _____

(Signatures continue on following page)

CITY OF ANN ARBOR

By: _____

Name: _____

Title: Mayor _____

Date: _____

By: _____

Name: _____

Title: City Clerk _____

Date: _____

ATTACHMENT A SCOPE OF SERVICES

The Consultant selected for each project shall perform field inspections, field and laboratory testing of construction materials, and engineering services to support, control, document, and assure the high quality construction of concrete curbs, sidewalks, and drives; the backfilling and compaction of underground utilities and embankments; placement and compaction of sand subbase and aggregate base courses; the placement of bituminous concrete pavements; and other related activities as necessary.

The testing to be performed by the selected Consultants shall include, but is not limited to, in-place density testing of aggregates and HMA pavement; slump, air content, temperature, unit weight, and compressive strength testing of Portland cement concrete; geotechnical and/or environmental engineering as required; sampling and testing at asphalt production plants, including VMA, VFA, G_{mm} , G_{mb} , air voids, percentage of crushed material, fines to binder ratio, percent of asphalt; laboratory testing of sampled materials; and the preparation and submittal in a timely manner of all test results and reports.

Failing test results shall be reported to the Engineer within 24 hours of the completion of the test, and immediately to the City's representative in the field.

All sampling, testing, and other services shall be performed in compliance with all applicable standards including ASTM, ACI, MDOT, and the City of Ann Arbor, as well as any and all specifications of the subject project. Any references to the MDOT Standard Specifications for Construction shall be to 2020 edition. All testing and inspection shall be performed by certified personnel, under the direct supervision of a professional engineer registered in the State of Michigan and directly employed by the selected Firm.

On federally and/or State funded projects, Firms must submit copies of testing certifications obtained by personnel assigned to the projects and also certificates or documentation that the lab is qualified per MDOT or AASHTO accredited for testing.

Assignment of testing personnel (temporary or permanent) to these projects is subject to approval by the City. Once approved, assigned personnel shall remain on the project until their services are no longer needed. Replacement of assigned personnel (temporary or permanent) with those who are not familiar with the project or with City or Contractor personnel is not permitted, and may be considered cause to terminate the Professional Services Agreement. Due to the nature of some of these projects, multiple testing personnel may need to be assigned to the project at any given time in order to adequately perform the required tasks.

Field time verification forms will be required to be signed daily by a City of Ann Arbor representative assigned to the project.

The City does not guarantee either a minimum volume of work or a specific volume of work if a contract is awarded.

**EXHIBIT B
COMPENSATION**

General

Contractor shall be paid for those Services performed pursuant to this Agreement inclusive of all reimbursable expenses (if applicable), in accordance with the terms and conditions herein. The Compensation Schedule below/attached states nature and amount of compensation the Contractor may charge the City:

2024 and 2025 Construction Fee Schedule - MTC		
Description of Service Item	Unit	Unit Price
Technician I Including Nuclear Densometer – Straight Time ⁽¹⁾	Hour	\$ 75.00
Technician I Including Nuclear Densometer – Overtime ⁽¹⁾⁽²⁾	Hour	\$ 95.00
Technician II Including Nuclear Densometer – Straight Time ⁽¹⁾	Day	\$ 85.00
Technician II Including Nuclear Densometer – Overtime ⁽¹⁾⁽²⁾	Hour	\$ 105.00
Technician Daily Mobilization (includes travel time to and from the project site)	Each	\$ 80.00
Additional Professional Engineering Services, as Requested by the City ⁽³⁾	Each	\$ 140.00
Concrete Cylinder Mold, Cure, Pickup, and Compressive Strength Test ⁽⁴⁾	Each	\$ 20.00
Concrete Beam Mold, Cure, Pickup, and Flexural Strength Test ⁽⁵⁾	Each	\$ 80.00
Sieve Analysis	Each	\$ 80.00
Modified Proctor Test	Each	\$ 160.00
HMA Extraction and Gradation Test ⁽⁶⁾	Each	\$ 350.00
HMA Volumetric Test ⁽⁷⁾	Each	\$ 600.00
Review Concrete or Asphalt Mix Design	Each	\$ 75.00
Total, not to exceed, fee to be paid for contract services is \$830,000.00		

Notes for City of Ann Arbor, 2024-2025 Construction Season Fee Schedule

1. Technician I/ Technician II Including Nuclear Densometer – Straight Time
 - a. Unit prices for all technician service items shall include all vehicle costs, equipment costs, project management, and office support, including engineering review and secretarial services.
 - b. No minimum hour charge will be paid, unless work for the day is cancelled by

the City without advance notice. Minimum "cancellation charges" will be limited to four hours or less. This item shall also be used for all cylinder and sample pick-ups.

c. Daily Job Tickets are required and will list the technician's time of arrival to the project site and time of departure from the project site, and must be approved and signed by the City's project inspector at the end of each work day.

d. Density test results must be provided at a minimum within one week of the time of testing.

e. Technician I Qualifications:

i. Minimum Certifications:

NRC Nuclear Density Gauge License

Radiation Safety Training

f. Technician II Qualifications:

i. Minimum 3 years of experience

ii. Minimum Certifications:

NRC Nuclear Density Gauge License

Radiation Safety Training

MCA Level I

MDOT Density Control

MDOT Aggregate Sampling

MDOT HMA Sampling for Local Agency Projects.

iii. As needed for specific projects, satisfy MDOT "Requirements for Performing Local Agency Projects."

g. Technician II shall be billed only on projects where it is requested by the City.

2. Overtime Rates

a. Overtime rates shall be applied only to hours worked beyond an eight (8) hour workday (Monday through Friday) or to any hours worked on Saturdays. Doubletime rates (2 times the straight time rate) shall be applied to hours worked on Sundays and City holidays.

3. Additional Professional Engineering Services, as Requested by the City.

a. This item shall include Project Manager and/or Project Engineer time for attending project meetings and any other additional consulting services as requested by the City.

b. NOTE: all routine project management and administrative time is not to be charged through this item but shall be included in the appropriate Technician rate.

4. Concrete Cylinder Mold, Cure, Pickup and Compression Strength Test

a. The City will require 4 cylinders be molded per sample location, unless otherwise specified.

5. Concrete Beam Mold, Cure, Pickup and Flexural Strength Test

a. The City will require 3 beams be molded per sample location, unless otherwise specified.

6. HMA Extraction and Gradation Test

a. Includes sieve analysis, percentage of crushed material, fines to binder ratio, and percent of asphalt cement. Results to be submitted to the City within 5 business days of placement.

7. HMA Volumetric Test

a. Includes sieve analysis, VMA, VFA, Gmm, Gmb, air voids, percentage of crushed material, fines to binder ratio, and percent of asphalt. Results to be submitted to the City within 5 business days of placement.