

October 24, 2024



City of Madison
100 Hughes Road
Madison, Alabama 35758

ATTN: Ms. Michelle Dunson

SUBJECT: Proposal for Inclinometer Installation and Periodic Monitoring of
Slope Stability at Hughes Road Railroad Overpass Embankment
Madison, Alabama
OMI Proposal No. P.8127.G.1

To Whom It May Concern:

OMI, Inc. is pleased to present this proposal for additional monitoring of the Hughes Road railroad overpass embankment slope. Preparatory to this proposal, Mr. Keith Mandel and Dr. David Noe of OMI discussed the project with Ms. Michelle Dunson and Mr. Mike Johnson of The City of Madison Engineering Department. This proposal is for the installation of a third inclinometer well at the site and for instituting a program of regular inclinometer readings in order to recognize slope movements and start mitigation before the slope fails.

PROJECT INFORMATION

In 2013, OMI was contracted to perform a geotechnical study and install two inclinometer pipes beside the northbound lane of Hughes Road, on the northeast side of the embankment to the south of the railroad overpass. The results of that initial study were included in the report for OMI Job No. 6722, January 6, 2014. OMI did not find evidence of slope failure or continued rapid movement and recommended additional monitoring of the slope. We performed additional monitoring and provided updated reports in 2016, 2019, 2021, and 2024. Small, mostly negligible slope movements were measured during the two-to-three- year monitoring intervals. The surface asphalt pavement has continued during that time, however. The current state of road deformation in that area was described in our report of September 30, 2024.

SCOPE OF SERVICES

During our meeting on October 9, 2024, we discussed the need for ongoing monitoring at the request of Ms. Dunson and Mr. Johnson. Among the items discussed were 1) the city sealing the cracks that have developed in the asphalt road surface, to inhibit water infiltration into the embankment fill; 2) OMI installing a third inclinometer away from the existing inclinometers, and 3) OMI performing regular inclinometer monitoring at two-month intervals.

We also discussed developing a plan for future mitigation of any slope movements within the embankment fills. Such mitigation is generally based on reducing driving forces or increasing resisting forces. At the Hughes Road site, besides water-infiltration reduction by sealing the pavement, there is little opportunity to modify the crest of the berm to reduce driving forces. The main mitigation option, therefore, would involve bolstering the base of the embankment to increase the resisting forces. With those considerations in mind, OMI proposes to do the following:

Install a third inclinometer at the site.

The existing inclinometers are located near the embankment crown and essentially function as a single, nested inclinometer. In terms of potential slope failure, those inclinometers are in a zone that would experience downward and/or extensional movements. Those types of movements are difficult to measure in inclinometers. There is a need to install a inclinometer lower on the embankment slope, where the horizontal, compressional, outward-pushing or uplifting elements of slope failure can be measured. If the slope is going to fail, monitoring near the toe of the slope is a must because the movements will be focused there.

OMI recommends installing a third inclinometer near the base of the slope, approximately as shown in drawing P.8127.G.1-1. A 25-ft-deep geotechnical boring would be drilled, ensuring that the inclinometer pipe extends down through the lower part of the slope fill and into the underlying, in-place residual soils. Any developing failure surface would pass across that inclinometer, which allows for optimal early warning capabilities. The pipe would be sealed to prevent groundwater inflow. It appears that, provided the city can clear small trees and brush, a tracked drill rig can access the lower slope in that area with minimal effect on the slope.



Provide a yearly program of regular inclinometer monitoring.

The previous monitoring program was at 2-to-3-year intervals, where OMI responded to City requests for taking inclinometer readings and assessing slope movements that had occurred during that interval. The drawbacks to that approach are that it is reaction-based, and that substantive slope movements might not be detected in the early stages of failure. Such failures, if they do occur, are difficult and very costly to mitigate. OMI proposes a proactive approach, with regular inclinometer readings every two months to provide better early-warning capabilities. That way, early movements could be detected and proper mitigative strategies could be deployed, potentially without having to shut down Hughes Road at the overpass.

The readings at the (three) inclinometers would be collected and compared with earlier readings, as before. OMI would issue a letter report containing the results and interpretations, within three weeks of the readings. Six readings would be taken during a calendar year, with the activity being renewed and re-funded every year by the city. Findings of incipient slope failure may require a separate contract between the City and OMI to deal with slope-failure analyses and mitigation actions.

COST ESTIMATE AND SCHEDULE

OMI, Inc., can provide these services for a total fee of \$29,567. This would include the drilling and installation of the third inclinometer (\$5,141, including inclinometer pipe, plugs, and sealant) and the six, three-inclinometer monitoring studies for calendar year 2025 (\$24,426).

We envision that the inclinometer installation and first monitoring reading of the three inclinometers would take place in January 2025. Inclinometer readings would take place in January, March, May, July, September, and November 2025.

Other services which are required or requested will be performed in accordance with our standard Fee Schedule. Naturally, additional work will not be performed without proper authorization.



AUTHORIZATION

To authorize OMI, Inc., to provide these services, please execute and return the attached Work Authorization Sheet or issue a purchase order. Please note any special instructions or information such as billing or site access requirements on this Work Authorization Sheet. Also enclosed with this proposal are General Conditions which discuss such items as right-of-entry, insurance, and invoicing. These Conditions are considered an integral part of this proposal.

* * * * *

OMI, Inc., appreciates the opportunity to provide this proposal for services to The City of Madison. Please direct any questions regarding this proposal to the undersigned.

Respectfully submitted,

OMI, Inc.



David C. Noe, Ph.D., P.G.
Senior Professional Geologist



Keith J. Mandel, P.E.
Principal Engineer

Distribution via email to: michelle.dunson@madisonal.gov

Attachments: Drawing: P.8127.G.1-1
General Conditions
Work Authorization Sheet
Property Access Authorization





NORFOLK-SOUTHERN

HUGHES RD

BRIDGE

Toe of Embankment

690

685

B-1

B-2

B-3

Approximate Location of New Inclinometer

WBBI RADIO TOWER

LEGEND

INCLINOMETER LOCATION

NOTE: THIS DRAWING HAS BEEN REDRAWN FROM A DRAWING PROVIDED BY CITY OF HUNTSVILLE PLANNING DEPARTMENT, HUNTSVILLE, ALABAMA

JOB NAME:

HUGHES ROAD
HUNTSVILLE, ALABAMA

INCLINOMETER LOCATAATION PLAN

DRAWING NO: P.0127.0.1-1

JOB NO: 6722

DATE: 10/02/2024

SCALE: 1" = 60'

DRAWN BY: AGH

Rev: 02/24

OMI, Inc.
5151 Research Dr., NW, Suite A
Huntsville, AL 35805

PH: (256) 837-7664 FAX: (256) 837-7677

GENERAL CONDITIONS

INSURANCE - OMI, Inc. maintains Worker's Compensation and Employer's Liability Insurance in conformance with Alabama state law. In addition, OMI, Inc. maintains General Liability Insurance: limits of liability not less than \$1,000,000 per occurrence, \$2,000,000 aggregate; Automobile Liability Insurance with limits of liability not less than \$1,000,000 combined single limit. A certificate of insurance can be supplied upon request showing cancellation provisions in the policy. No insurance coverage is available for hazardous materials projects. OMI also carries Professional Liability Insurance.

Cost of insurance coverage is included in the fees quoted. If additional coverage or increased limits of liability are required, OMI, Inc. will attempt to obtain the requested insurance. The Client agrees to pay an agreed fee associated with additional coverage or increased limits.

WARRANTY AND LIMITATION OF LIABILITY - The only warranty or guarantee made by OMI, Inc. for the services performed is that OMI, Inc. will use the degree of care and skill ordinarily exercised under similar conditions by reputable members of our profession practicing in the same or similar locality under similar conditions. No other warranty, expressed or implied, is made or intended by this proposal for consulting services or by oral or written reports. The Client agrees to limit the liability of OMI, Inc., its officers, agents, and employees for any damage on account of any error, omission, or other professional negligence to \$50,000 or the fee, whichever is greater. OMI, Inc. will increase the limits of liability at the Client's written request and after the Client and OMI, Inc. have agreed on additional fees representing the additional insurance.

RIGHT-OF-ENTRY - Unless otherwise agreed, the Client authorizes right-of-entry onto the site for OMI, Inc. to make the planned borings, site observations, and explorations. Reasonable precautions will be taken to minimize damage to the land caused by equipment and activities, but OMI, Inc. has not included in the fee the cost of restoration or damage which may result from our operations. If the Client desires that the land be restored to its former conditions, this must be noted on the work Authorization Sheet and a fee negotiated in advance.

SAMPLING OR TESTING LOCATION - The fees included in this proposal do not include costs associated with surveying of the site or the accurate horizontal and vertical locations of tests. Field tests or boring locations described in reports or shown on sketches are based on specific information furnished by others, or estimates made in the field by OMI, Inc., personnel. All dimensions, depths, or elevations should be considered as approximations unless otherwise stated in the report.

DAMAGE TO EXISTING MAN-MADE OBJECTS - It shall be the responsibility of the Client and Owner or their duly authorized representative to disclose the presence and accurate location of all known, yet obscure man-made objects, including utility lines, that are in the immediate vicinity of field tests or boring locations. OMI, Inc. makes reasonable efforts to locate utilities prior to commencement of work. Field personnel are trained to recognize clearly identifiable stakes or markings in the field, and initiate field testing, drilling, and/or sampling within a few feet of each designated location. If OMI, Inc. is cautioned, advised, or given data in writing that reveal the presence or potential presence of underground or aboveground obstructions, such as utilities, special instructions will be given to the field personnel. Acceptance of this contract indicates agreement of the Client, to the extent permitted by law, to indemnify and hold harmless OMI, Inc. from all claims, suits, losses, personal injuries, death, and property liability resulting in damages to subsurface structures, owned by the Client, landowner or third parties, occurring in the performance of the proposed work, whose presence and exact locations were not revealed in writing, and to reimburse OMI, Inc. for expenses in connection with any such claims, or suits, including reasonable attorney's fees. However, Client is not obligated to defend, indemnify, and hold harmless OMI, Inc., in the event of sole negligence on the part of OMI, Inc. its employees, or agents.

INVOICING PROCEDURES - Invoices will be submitted on a monthly basis and charged to the account referenced on the "Work Authorization Sheet." If OMI, Inc. has proposed to perform services on a unit rate basis, the monthly invoices will be for services performed, charged at the unit rates quoted in the "Fee Schedules" of the proposal. If OMI, Inc. has proposed to perform services on a lump sum basis, the monthly invoices will be a percentage of the total lump sum, based on the percentage of the work completed each month. Client agrees to notify OMI, Inc. within 15 days of the date of the invoice, of any questions, concerns, or desired changes to the invoice.

Payment will be made for the full invoice total within 30 days of the invoice date. All unpaid balances in excess of 30 days are subject to a 1.5 percent monthly service charge (minimum charge \$15.00), compounded each additional 30 days.



GENERAL CONDITIONS (continued)

CHANGED CONDITIONS - The outlined scope of services will be accomplished in a timely, workmanlike, and professional manner. If OMI, Inc. is required to stop operations as a result of changes in the scope of work (such as requests by the owner or requirements of third parties), additional charges will be negotiated.

SAMPLE DISPOSAL AGREEMENT - Unless otherwise requested, test specimens or samples will be disposed of after completion of tests, and drilling samples or specimens will be disposed of upon submission of the written report. Any samples and drilling supplies regarded to contain hazardous or regulated materials will be returned to the Client or disposed of according to government regulations. Any charges associated with such disposal will be charged at cost, plus 15 percent handling fee, to the Client. Test specimens of drilling samples can be stored for a mutually acceptable charge.

DISCOVERY OF UNANTICIPATED HAZARDOUS MATERIALS - Client will notify OMI, Inc. of the existence or possible existence of hazardous materials on or near the project site, that the Client is aware of.

OMI, Inc. and Client agree that the discovery of unanticipated hazardous materials constitutes a changed condition mandating a renegotiation of the scope of work or termination of services. OMI, Inc., and Client also agree that the discovery of unanticipated hazardous materials may make it necessary for OMI, Inc. to take immediate measures to protect health and safety. Client agrees to compensate OMI, Inc. for any equipment decontamination or other costs incident to the discovery of unanticipated hazardous materials.

Notwithstanding any other provision of the agreement, Client waives any claim against OMI, Inc., and to the maximum extent permitted by law, agrees to defend, indemnify, and save OMI, Inc. harmless from any claim, liability, and/or defense costs for injury or loss arising from the discovery of unanticipated hazardous materials or suspected hazardous materials, including, but not limited to, any costs created by delay of the project and any cost associated with possible reduction of the property's value. However, Client is not obligated to defend, indemnify and hold OMI, Inc. harmless in the event of gross negligence on the part of OMI, Inc., its employees or agents.

AQUIFER CONTAMINATION - Subsurface sampling may result in unavoidable contamination of certain subsurface areas, 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 and capable of spreading hazardous materials off-site. Because subsurface sampling is a necessary aspect of the work which OMI, Inc. may perform on the Client's behalf, the Client waives any claim against OMI, Inc. and agrees to the extent permitted by law to defend, indemnify and hold OMI, Inc. harmless from any claim or liability for injury or loss which may arise of alleged cross-contamination caused by sampling. The Client further agrees to compensate OMI, Inc. for any time spent or expenses incurred by OMI, Inc. in defense of any such claim, in accordance with OMI, Inc. attached fee schedule and expense reimbursement policy. However, OMI, Inc. will be responsible for cross contamination caused by their sole negligence.

JOINT AND SEVERAL LIABILITY - Client agrees that it would be unfair for OMI, Inc. to be held partly or wholly responsible for damages created directly or indirectly by a hazardous condition. Accordingly, Client waives any claim against OMI, Inc. which OMI, Inc. had nothing whatsoever to do with the creation of the hazardous condition. Accordingly, provided OMI, Inc., its employees, and agent are not negligent, Client waives any claim against OMI, Inc. and agrees to the extent permitted by law to defend, indemnify and hold OMI, Inc. harmless from any claim or liability for injury or loss arising from the condition of Client's premises. Client also agrees to compensate OMI, Inc. for any time spent and expenses incurred by OMI, Inc., in defense of any such claim, with such compensation to be based upon OMI, Inc. attached fee schedule and expense reimbursement policy.

STANDARD OF CARE - Client waives claim against OMI, Inc. and agrees to the extent permitted by law to defend, indemnify and hold OMI, Inc. harmless from any claim or liability for injury or loss that allegedly arises from the inability of OMI, Inc. to provide results superior to those normally attainable through conformance with a professional standard of care. Client further agrees to compensate OMI, Inc. for any time spent or expenses incurred by OMI, Inc. in defense of any such claim, in accordance with the fee schedule and expense reimbursement policy of OMI, Inc.



WORK AUTHORIZATION SHEET

The Terms and Conditions of OMI Proposal No. P.8127.G.1, dated October 24, 2024, including the General Conditions, are accepted this _____ day of _____, 2024, by:

Print or Type individual, firm, or corporate body name

Signature of authorized representative

Print or Type name of authorized representative and title

PAYMENT OF CHARGES (Charge the invoice to the account of):

FIRM: _____

ADDRESS: _____

City: _____ State: _____ Zip Code: _____ Phone No. _____

ATTN: _____ TITLE: _____

APPROVAL OF CHARGES (If the invoice is to be mailed for approval to someone other than the account charged, please indicate where to mail the invoice):

FIRM: _____

ADDRESS: _____

City: _____ State: _____ Zip Code: _____ Phone No. _____

ATTN: _____ TITLE: _____

PROPERTY OWNER (If other than above):

NAME: _____

ADDRESS: _____

City: _____ State: _____ Zip Code: _____ Phone No. _____

ATTN: _____ TITLE: _____

SPECIAL INSTRUCTIONS _____

EMAIL ADDRESS _____



PROPERTY ACCESS AUTHORIZATION

PROPERTY ACCESS

Date: _____

FACILITY OWNER

Facility Name: _____

Facility Location: _____

Authorized Representative: _____

I, _____, authorize OMI, Inc., and its personnel access to the above referenced property for the purpose of conducting a Geotechnical Engineering Study and Subsurface Exploration. Furthermore, I hereby waive any claim against and hold harmless OMI, Inc. and its employees from any liability or loss which may result from the discovery and report of any adverse environmental conditions identified at the above referenced site.

Signature of authorized representative

Title





**CONSTRUCTION MATERIALS TESTING
2024 STANDARD FEE SCHEDULE**

Soil, Field Tests	Standard Rate
Field density test, nuclear gauge, 3 test min. per trip*	\$37.00 *each
Field density test, nuclear gauge, OT and weekends, 3 test min. per trip*	\$55.00 *each
Nuclear gauge rental, per day	\$56.00 each
Field density test, sand cone, drive tube	\$62.00 each
Collect bulk samples for laboratory moisture check	\$5.00 each
Collect bulk samples for laboratory tests	\$35.00 each
Moisture Content, field cook-out	\$22.00 each
Pocket Penetrometer and Static Cone Penetrometer Tests	\$4.00 each
Dynamic Cone Penetrometer Test	\$19.00 each
Soil, Lab Tests	Standard Rate
Moisture Content	\$10.00 each
Atterberg Limits, ASTM D423 and D424	\$79.00 each
Sieve analysis, ASTM D422	\$79.00 each
Wash 200 sieve, ASTM D422	\$58.00 each
Sieve and hydrometer analysis, ASTM D422	\$163.00 each
Specific gravity, ASTM D854	\$95.00 each
Unit weight, dry, undisturbed sample	\$79.00 each
Unit weight, dry, split spoon sample	\$42.00 each
Standard-or-Modified Proctor, one-point test (check plug)	\$58.00 each
Standard Proctor compaction test, ASTM D698	\$142.00 each
Modified Proctor compaction test, ASTM D1557	\$153.00 each
Organic Burnoff	\$63.00 each
PH Test	\$53.00 each
Consolidation Test, up to 10 Loads (with Rebound), ASTM D2435	\$775.00 each
Consolidation Test, w/ back pressure saturation, up to 10 Loads, ASTM D2436	\$840.00 each
Unconfined compression test, split spoon sample, ASTM D2166	\$74.00 each
Unconfined compression test, undisturbed sample	\$95.00 each
Unconfined compression test, remolded, ASTM D2166	\$116.00 each
Triaxial shear test 3 points, unconsolidated undrained	\$578.00 each
Triaxial shear test 3 points, consolidated, undrained	\$715.00 each
Triaxial shear test 3 points, consolidated, undrained, w/pore pressure	\$1,010.00 each
California bearing ratio (CBR) per moisture content ASTM D1883	\$570.00 each
Permeability test ASTM D5084, flexible wall	\$580.00 each
Permeability test ASTM D2434, rigid wall	\$370.00 each
Remolding samples to specified conditions	\$95.00 each
<p><i>Any field or lab test requiring work beyond normal business hours will be billed at an OT rate of 1.5 times the Standard Rate. Overtime is time before 7:00 a.m. and/or after 5:00 p.m. weekdays; Any work on Saturdays, Sundays, and Holidays.</i></p>	



**CONSTRUCTION MATERIALS TESTING
2024 STANDARD FEE SCHEDULE**

Asphalt, Field and Lab Tests	Standard Rate
Field Density Test, nuclear gauge (4 tests per location)	\$61.00 location
Nuclear gauge rental, per day	\$56.00 each
Cutting and measuring asphalt core samples	\$61.00 each
Measurement of Base thickness underlying asphalt	\$25.00 each
Bulk specific gravity, field cut cores (Lab)	\$31.00 each
Marshall density (Lab)	\$105.00 each
Marshall stability (Lab)	\$105.00 each
Asphalt extraction and sieve analysis (Lab)	\$127.00 each
Density and air voids of asphalt cores (Lab)	\$67.00 each
Theoretical Maximum Specific Gravity, Gs (Lab)	\$73.00 each
Miscellaneous	Standard Rate
Trip Charge, Huntsville/Madison (15 miles from office or less)	\$56.00 trip
Trip Charge, Huntsville/Madison (15 to 30 miles from office)	\$100.00 trip
Trip Charge (Fayetteville, Scottsboro, Decatur, Athens, Guntersville, & Arab)	\$165.00 trip
Trip Charge, Other Areas (personnel travel time plus mileage cost)*	varies *
*Mileage rate, when applicable	\$1.05 mile
Proof Roll, (soil and base stone)	\$200.00 each
Footing Inspection, (test for bearing capacity)	\$165.00 each
Rebar Inspection, (reinforcing steel)	\$165.00 each
Bolt inspection -OR- Visual weld inspection of structural steel accessible with scissor lift, ladder, or existing scaffolding	\$375.00 each
Bolt torque wrench rental	\$50.00 day
Concrete/Asphalt coring machine and equipment rental	\$121.00 day
Electric generator rental	\$89.00 day
Spray Applied Fireproofing - Thickness and Adhesion Test	\$94.00 each
Spray Applied Fireproofing - Density Test (Includes filed sample collection)	\$105.00 each
Personnel Rates	Standard Rate
Engineering Technician I	\$64.00 hourly
Engineering Technician II	\$71.00 hourly
Senior Engineering Technician	\$78.00 hourly
Construction Project Manager	\$120.00 hourly
Staff Professional I	\$115.00 hourly
Staff Professional II	\$125.00 hourly
Project Professional I	\$140.00 hourly
Project Professional II	\$150.00 hourly
Senior Project Professional I	\$170.00 hourly
Senior Project Professional II	\$220.00 hourly
Senior Consultant/Principal	\$250.00 hourly
Technical Principal	\$285.00 hourly
Project Administrator	\$72.00 hourly
CAD/GIS Technician I	\$70.00 hourly
CAD/GIS Technician II	\$100.00 hourly
<i>Personnel, Tests, Trips and Inspections requested beyond normal business hours will be billed at an OT rate of 1.5 times the Standard Rate. Overtime is time before 7:00 a.m. and/or after 5:00 p.m. weekdays; any work on Saturdays, Sundays, Holidays.</i>	
<i>*Minimum trip charge by all personnel = 2 hours.</i>	



**CONSTRUCTION MATERIALS TESTING
2024 STANDARD FEE SCHEDULE**

NPDES Services	Standard Rate
Preparation and Submittal of eNOI to ADEM (permit application)	\$550.00 each
Preparation of CBMPP (non-priority site)	\$1,900.00 each
Preparation and submittal of CBMPP to ADEM (priority site)	\$2,400.00 each
Pre-construction Observation/Inspection	\$420.00 each
Qualifying Rain Event/Monthly BMP inspection (less than 30 miles from OMI)	\$240.00 each
Qualifying Rain Event/Monthly BMP inspection (30-50 miles from OMI)	\$290.00 each
Six (6) Month QCP CBMPP Evaluation (non-priority)	\$552.00 each
Three (3) Month QCP CBMPP Evaluation (priority)	\$552.00 each
Minor Update to CBMPP (if required)	\$552.00 each
Preparation and Submittal of Notice of Termination (NOT)	\$450.00 each
Permit Modification or Transfer	\$400.00 min each
Permit Application Fee to ADEM, cost plus 20% (If OMI pays fee for Permittee)	\$1,662.00 each
Concrete	Standard Rate
Concrete cylinders, sample, cast, pick-up, cure, test & report	\$220.50 set (4)
Concrete cylinders, sample, cast, pick-up, cure, test & report	\$255.00 set (5)
Concrete cylinders, sample, cast, pick-up, cure, test & report	\$290.00 set (6)
Additional cylinders (field or lab cured), sample, cast, pick-up, test & report	\$33.00 each
Concrete Beams, flexural, cast, pick-up, cure, test & report	\$290.00 set (4)
Grout cubes (ASTM C-1019), sample, cast, pick-up, cure, cap, test & report	\$245.00 set (4)
Mortar cubes, 2-in. (ASTM C33, C40) sample, cast, pick-up, cure, test & report	\$270.00 set (6)
Slump test	\$15.00 each
Pressure Air test	\$25.00 each
Unit Weight test	\$24.25 each
OMI pick-up of concrete cylinders/beams/prisms/cubes, made by client (per set)	\$43.00 each
Concrete cylinders, beams, prisms, cubes, made by client, cure, test & report (each)	\$44.00 each
Concrete cores, diamond bit rental, per day	\$77.25 each
Concrete cores, compressive strength: cure, prepare, test & report	\$44.00 each
Rebar locator	\$145.00 day
Rebound hammer (Swiss Hammer/ Schmidt Hammer)	\$88.00 day
Floor Flatness and Levelness (10K ft ² minimum per project)	\$0.14 ft ²
Organic Impurities Test (ASTM C33, C40)	\$67.25 each
Moisture Vapor Emission Test, calcium chloride method (includes alkalinity)	\$67.25 each
CMU Individual Block Testing (ASTM C140) (includes absorption testing)	\$337.50 each
CMU Block Prism Testing (ASTM C1314)	\$460.00 each
Concrete Mix Design, includes aggregate gradations & specific gravities	\$1,710.00 each
Mix Design Verification, cylinders submitted by client	\$605.00 set (5)
Concrete Equipment Rental	\$55.25 day
Environmental/Disposal Fee	\$8.00 cyl
<i>Any field test requiring work beyond normal business hours will be billed at an OT rate of 1.5 times the Standard Rate. Overtime is time before 7:00 a.m. and/or after 5:00 p.m. weekdays; Any work on Saturdays, Sundays and Holidays</i>	









P.8127.G.1 Hughes Rd Slope Monitoring 102424

Final Audit Report

2024-10-24

Created:	2024-10-24
By:	Sandra Rodriguez (srodriguez@omi-eng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAhweD3n9mUNzujrf6yLYx1U2dqXj-U-r8

"P.8127.G.1 Hughes Rd Slope Monitoring 102424" History

-  Document created by Sandra Rodriguez (srodriguez@omi-eng.com)
2024-10-24 - 9:35:40 PM GMT
-  Document emailed to Dave Noe (dnoe@omi-eng.com) for signature
2024-10-24 - 9:35:45 PM GMT
-  Email viewed by Dave Noe (dnoe@omi-eng.com)
2024-10-24 - 9:40:46 PM GMT
-  Document e-signed by Dave Noe (dnoe@omi-eng.com)
Signature Date: 2024-10-24 - 9:43:29 PM GMT - Time Source: server
-  Document emailed to Keith Mandel (kmandel@omi-eng.com) for signature
2024-10-24 - 9:43:31 PM GMT
-  Email viewed by Keith Mandel (kmandel@omi-eng.com)
2024-10-24 - 9:46:29 PM GMT
-  Document e-signed by Keith Mandel (kmandel@omi-eng.com)
Signature Date: 2024-10-24 - 9:46:44 PM GMT - Time Source: server
-  Agreement completed.
2024-10-24 - 9:46:44 PM GMT