



Corporate Profile

**PERFORMANCE HAS BUILT OUR BUSINESS—
THE BUSINESS OF CONNECTIONS.**



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Performance

Letter from the President

At HMI, we are driven by a shared ethic of excellence. With proven mastery in all aspects of engineering, design, construction, and utility infrastructure, we deliver client-specific solutions with sustainable value.

We are passionate about our work. And we are confident that we do it better than any other firm in the business. Our long-term success and portfolio of intensely loyal clients support this belief. Customers partner with HMI with confidence. Our commitment to collaboration, clear lines of communication, and impeccable service ensures smooth and successful outcomes.

Well-versed in both current and next-generation technologies, HMI's highly qualified team has the expertise to provide end-to-end solutions for complex infrastructure projects across the country. With a vibrant mindset and steadfast focus on quality, innovation, and safety excellence, we are poised for progress and growth in all our markets: power, oil & gas pipeline, gas distribution, and communications.

We invite you to review our Corporate Profile to discover more about our capabilities, our business integrity, and the superior service we deliver. We look forward to partnering with you on your next project and exceeding your expectations.

Best regards,

Carmine Battafarano

Carmine Battafarano
President, HMI Services

■ Firm Profile

HMI is a multi-discipline, privately held firm that designs, constructs, and maintains the nation's critical utility infrastructure. Through field analysis, engineering, planning, construction, and system integration services, HMI provides superior solutions to evolving infrastructure needs. HMI builds every project and every relationship on a foundation of safety, integrity, and trust.

HMI's exceptional outcomes are energized by focusing on five key growth drivers—technology, process, labor, training, and cost efficiency. With advanced knowledge, extensive experience, and proven performance, HMI delivers intelligent solutions that meet clients' goals and timelines.

An Integrated Approach

HMI understands that the most successful infrastructure projects are the result of an integrated approach to engineering, design, construction, and commissioning. Together, HMI and the firm's engineering experts at HMI Technical Solutions (HMITS) have the acumen and agility to handle every stage of the project lifecycle. This unified process is key to the comprehensive solutions HMI provides and the collaborative client partnerships the firm creates.

Knowledge. Experience. Performance.



Performance.

■ A Commitment to Safety

HMI extends safety to every aspect of work. It is the focus of every effort made and every task performed. At HMI, safety drives the development of impeccable work practices and is at the core of the way behavior is observed, communicated, and investigated.

HMI follows a daily safety management system of leading and lagging indicators including coaching observation trends, work site audits, good catch and near miss reports, corrective action follow-up, total recordable incident rates, days away, and restricted duty and transfers. With these indicators, HMI performs trend analysis and program validation of safety performance. This vigilant evaluation and implementation of company and industry-wide best practices ensures HMI maintains the absolute highest safety standards to protect our workers, our clients, and the community. HMI's daily mission is to ensure "Nobody Gets Hurt!"



■ Culture of Safety

Safety is interwoven into HMI's culture and daily practices. The firm utilizes the DuPont Bradley Curve to measure progress on the path to world-class safety. Initially ranked as above average in the execution of safety management, HMI has moved progressively toward a mature safety culture, with a team commitment and belief that safety is truly sustainable and near zero injury rates are attainable.

POWER

A close-up photograph of a person's hands holding a yellow pencil, poised to write on a white document. The person is wearing a light blue button-down shirt. The background is blurred, showing what appears to be an office setting. The word "POWER" is overlaid in large, white, sans-serif capital letters across the upper portion of the image. The image is framed by dark green geometric shapes on the left and bottom right.



Power

HMI and the firm's engineering experts at HMI Technical Solutions (HMITS) keep pace with advancing technologies in the dynamic electric utility industry. From medium and high voltage substation design and extra-high voltage transmission to low voltage distribution and renewable energy projects, we understand the complexities of power engineering. Using a diligent project management approach, we have accomplished a wide variety of aerial, underground, distribution, and transmission projects with a superior level of consistency, quality, and most important, client satisfaction.

Whether a client needs a high voltage transmission system designed or a new make-ready program established, we have the experience, skilled workforce, effective management, and latest equipment and technology to safely and proficiently meet the challenge.

Transmission & Distribution Services

- Grid Modernization Program Development & Execution
- Storm Hardening Programs
- Overhead to Underground Conversions
- Distribution Automation Studies, Design, & Integration
- Interconnection Studies
- Overhead & Underground, Rebuild, Reconductor, & Green Field
- Highway Relocations
- Integrity Management
- Substation & Step-down Eliminations
- Make-Ready Engineering/Pole Attachment
- Lightning Performance & Grounding Evaluations
- Right-of-Way Surveys & Acquisition
- Co-occupancy Planning/Acquisition
- Construction Coordination
- Enterprise Asset Management
- EPC

Substation Services

- Site Selection
- Substation Design
- Protective Relaying
- SCADA Systems/Automation
- Enterprise Asset Automation

Construction Support Services

- Construction Coordination
- Outage & Conversion Planning
- Constructability Reviews
- Coordination Studies



Knowledge Experience



ence.
performance



Communications

Communications, Wireline & Wireless Engineering Services

HMI and our design and engineering professionals serve fiber, wireline & wireless carrier clients with an impressive scope of high-quality infrastructure services. We consult with clients to assess situations and develop custom solutions to support projects from source to end user. Our firm is well-versed in next-generation technologies, small cell services, RF engineering solutions, infrastructure maintenance and repair, logistics, project management services, and national rollouts. We provide communications engineering and design for copper and fiber optic plants, multiple dwelling units, microwave systems, large venues, and data centers. The consulting, engineering, and design expertise we provide to technology clients enables transformational services such as 4G, 5G, CBRS, Private-LTE, and IoT. HMI maintains a staff of electrical, mechanical, and structural engineers for comprehensive support.

As evidenced by a remarkable 97% customer retention rate, we build enduring partnerships with clients from a variety of markets across the country.

Fiber, Wireline & Wireless Solutions

- Turnkey System Integration
- Infrastructure Engineering
- Project Management
- Feasibility Studies & Site Surveys
- Carrier Coordination
- Commissioning
- Monitoring, Maintenance, & Repair
- Drive, Performance, & Benchmark Testing
- Equipment Installation
- Site Audits & Surveys
- Multi-site Rollouts
- Consulting
- EPC

RF Engineering

- iDAS & oDAS
- Benchmarking
- Continuous Wave & KPI Acceptance Testing
- Post-installation, Uplink/Downlink Throughput
- iBwave Design, RSSI, RSRP, & RSCP Predications & Propagation
- RRC Accessibility/RRC Retainability
- Channel Power
- Fade Margin & Link Budget Analysis
- Call Processing

Infrastructure Engineering

- Headend Design
- Power Studies
- Structural Analysis
- ROW



COMMUNICATIONS



COMMUNICATIONS

Communications

Communications Construction Services

HMI provides complete end-to-end services for indoor/outdoor wireless, OSP/ISP, fiber optic, and small cell projects. Coupling rigorous training with a formalized project management approach, the firm has the proficiency to minimize delays and help clients save time and expense. HMI also manages material acquisition and logistics planning to support clients' project-specific needs and deployment timelines. HMI's reach extends to government agencies, enterprises, educational institutions, large venues, health care facilities, and multiple dwelling units.

Outside Plant Construction

- Project Management
- Material Procurement
- Overhead & Underground Construction
- Fiber Optic Cable Splicing & Testing
- Railroad Installation
- Database Management

Inside Plant Construction

- Project Management
- Structured Cabling
- Local Area Networks
- Moves, Adds, Changes (MAC)
- Passive Optical Networks (PON)
- Distributed Antenna Systems (DAS)
- Multiple Dwelling Units

Small Cell Construction

- Project Management
- Pole Installation/Replacement
- Make-Ready Construction, Communication/Power Zones
- Permit/Utility Coordination
- Line Construction
- Existing Tower Maintenance
- Fiber Optic Cable Splicing & Testing
- FAA 1A/2C Certification
- Passive Intermodulation & Sweeping Test
- Closeout Packages
- Underground Construction

Wireless Services

- Project Management
- Turnkey Integration
- WiFi
- Distributed Antenna Systems – iDAS & oDAS
- OSP and ISP Cabling and Fiber
- Existing Tower Maintenance
- Structured Cabling
- A&E/Make-Ready Engineering





BUILDING CONNECTIONS



NG ECTIONS



Gas Distribution

Gas Distribution Engineering

Placing safety at the forefront of every project, HMITS provides comprehensive design and operations engineering services for natural gas distribution projects. Utilizing advanced technology in the office and in the field, we work with clients through all project phases, from initial route analysis to as-built and inspection services. With extensive experience in both urban and rural environments, our services include civil site design and grading for Meter and Regulator (M&R) stations, permanent access roads, and temporary construction easements for approval by local municipalities.

Our firm also supports customers with the complexities of compliance, including handling documentation and permits and attending meetings with state, municipal, and third-party offices on the clients' behalf.

Gas Distribution Engineering Services

- Pipeline Route Analysis & Feasibility
- Right-of-Way Negotiation & Acquisition
- System Modeling & Load Analysis
- Main Extension & Replacement
- System Reinforcement & Betterment
- Horizontal Directional Drilling
- GIS Mapping
- Subsurface Utility Investigations
- Permitting – Environmental, Municipal, & State
- AC Mitigation Services
- M&R Station & Site Design
- Civil & Geotechnical Engineering
- Material Procurement & Management
- Construction Management
- Constructability Review
- EPC



Gas Distribution



Gas Distribution

Gas Distribution

Gas Distribution Construction

HMI offers a robust range of compliant natural gas distribution services, incorporating the most modern and efficient methods of installation for all sizes and types of pipe for residential, commercial, industrial, and utility-scale applications. We have the knowledge and experience to safely provide quality solutions for even the most complex projects in the most challenging environments.

HMI's success is anchored by an exemplary project management methodology and highly qualified team members. With a large national footprint, we have the reach and resources to have crews on site quickly and projects completed accurately and on time.

HMI conducts mandatory workforce training in the industry's state-of-the-art technologies and maintains a proactive focus on innovation and continual improvement. Every member of our gas construction crews meets or exceeds Operator Qualification requirements.

Gas Distribution Services

- New Construction
- Replacement/Renewal Programs
- Steel and Plastic Capabilities
- Integrity Management
- Keyhole Technologies
- Vacuum Excavation
- Joint Trench Programs



CORE VALUES

INTEGRITY

Be honest and keep our promises, living our values through action.

STRONG WORK ETHIC

Work safely and effectively, taking personal pride in our work and in those who perform it.

COMPASSION, COMMITMENT, AND RESPECT

These define our relationships with each other.

RESPONSIBILITY AND ACCOUNTABILITY

Lead by example. If we make a mistake, we admit it, correct it, learn from it, and move ahead.

CONTINUOUS PERSONAL AND TEAM IMPROVEMENT

Stay open-minded, listening and seeking knowledge for the development of ourselves and the Company.

STEWARDSHIP

Share our time, talents, and good fortune both in and outside the Company.

PERSPECTIVE

Maintain a constructive balance between our personal lives and our work.

PERFORMANCE
HAS



PERFORMANCE
AS BUILT
OUR BUSINESS...



Asset Integrity Management

Our NACE-certified engineers and technicians design and install Impressed Current Cathodic Protection (ICCP) and Sacrificial Anode Cathodic Protection systems. Our experts work with clients to assess operational needs, efficiency, and cost to determine which system is most appropriate for each project. The team performs Close Interval Potential Surveys (CIS) to assess the effectiveness of cathodic protection (CP) systems. Direct Current Voltage Gradient (DCVG) and/or Alternating Current Voltage Gradient (ACVG) surveys are then performed to locate possible coating faults, quantify their severity, and measure the effectiveness of the CP system without having to disturb the pipeline. To keep pipeline assets safe, we monitor and mitigate stray currents, and have the expertise to troubleshoot and perform system repair services. The firm also provides corrosion training services, such as Operator Qualification (OQ) instructions for corrosion-related tasks.

While other firms concentrate on selling products, HMITS focuses solely on delivering solutions that best meet clients' needs objectively and without product bias.

Cathodic Protection Services

- System Design & Installation
- Troubleshooting
- Stray Current & Interference Testing
- Induced AC (AC Mitigation)
- CP System Deficiency Testing
- System Maintenance, Installation, & Repair
- EPC

Coating Services

- Coating Inspections
- Bell Hole Inspections
- UT Testing & Mag Particle
- Pipeline Inspections at Bridge Crossings



ASSET INTEGRITY

Inspection

- With CP installation experts, NACE-certified coating professionals, and bell hole inspectors on staff, we conduct pipeline post-assessment inspections and atmospheric corrosion inspections of above-ground piping at refineries, pipeline terminals, bridge crossings, and other above-ground crossings. Our NACE-certified corrosion inspectors assist clients during new construction by ensuring the CP/AC Mitigation installation is performed to the specifications of the design package. Complete as-built packages can also be submitted.

Field Support

- Safe and reliable infrastructure is always the focus with HMI and our experienced team at HMI Technical Solutions. We provide turnkey services that include pipeline excavation and coating inspections, as well as atmospheric corrosion measurement and casing and test station monitoring services. Our qualified staff can troubleshoot issues to maintain adequate CP of the intended structure, and perform various CP surveys, including test points, stray current, and annual and periodic surveys.



AC Mitigation

With the growing demand to share rights-of-way with high voltage power lines, HMI and our HMI Technical Solutions team design, install, and maintain AC mitigation solutions for pipelines to minimize the induced voltage on the system.

All installation services are performed by highly qualified engineers, inspectors, and technicians that have industry-leading NACE International certifications and operator qualifications. We maintain meticulous safety standards and strictly adhere to environmental compliance requirements on every project.

AC Mitigation Services

- Modeling of Pipeline Potential for Steady State & Fault Conditions
- Modeling Complete Right-of-Way Systems
- Shared Right-of-Way Surveys
- GPS & Visual Location/Inspection
- Soil Resistivity Measurements
- AC & DC Voltage Measurements
- LiDAR Dimensioning of Existing Facilities
- Thorough AC Mitigation Analysis & Project-Specific Recommendations
- Project Management & Installation of AC Mitigation Solutions
- Permitting
- Third-Party Installation Inspection
- As-Built Packages

Water/Wastewater Engineering

HMITS offers reliable and responsive services for all stages of water distribution and wastewater collection projects, including evaluation, feasibility, and analysis; federal, state, and local permitting; regulatory program compliance and documentation; engineering and detailed system design; and complete project management.

HMITS designs and oversees comprehensive, customized solutions for water distribution, storm drainage, wastewater collection, flood prevention, and corrosion control. The firm's experienced team offers innovative approaches that provide the highest value solutions to even the most complex water and wastewater issues.

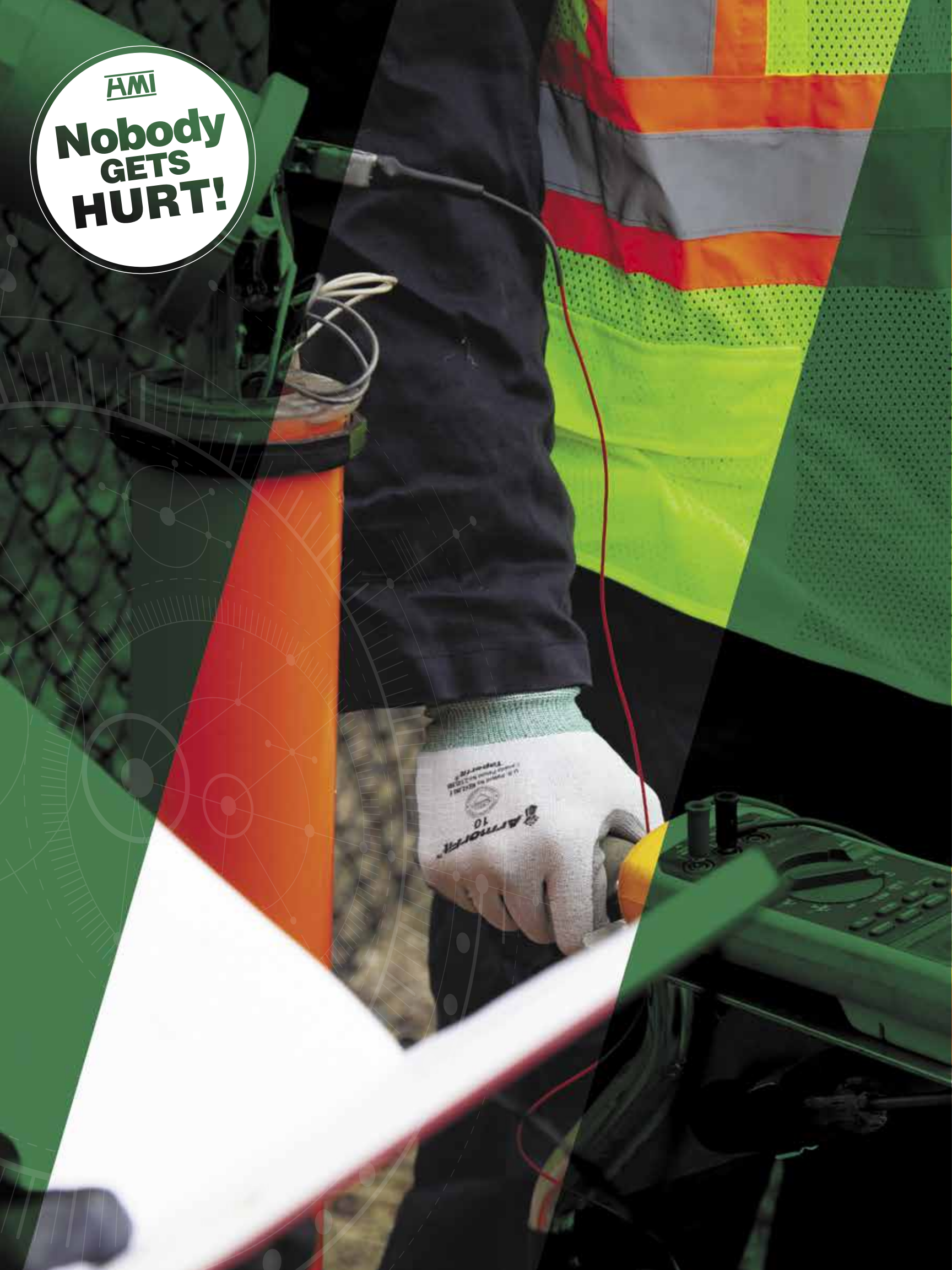
Water/Wastewater Engineering Services

- Right-of-Way Negotiation/Acquisition
- GIS Mapping
- Subsurface Utility Investigations
- Permitting – Environmental, Municipal, & State
- Storm Water Management
- Distribution/Collection Design
- Force Main
- Corrosion Control/Protection Services
- Pipeline Integrity Management Services
- Pump Station Engineering
- Civil and Geotechnical Engineering
- Materials Procurement & Management
- Construction Management
- Constructability Reviews



AMI

**Nobody
GETS
HURT!**



AMI

**Nobody
GETS
HURT!**

AMI



BUILDING CONNECTIONS

HEADQUARTERS LOCATIONS

HMI Headquarters

5375 Glen Alden Drive
Richmond, VA 23231
484-344-2161

HMITS Headquarters

450 Davis Drive
Plymouth Meeting, PA 19462
484-344-2161

QUALIFICATIONS

- NACE Certifications – Cathodic Protection, Coating Inspector, Material Selection
- Registered Engineers in 27 States
- Operator Qualifications

2/22



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